



UNDERGRADUATE EDUCATION COMMITTEE (UEC) MEETING
January 31, 2020 - 10:00 AM
A225

AGENDA

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**1. APPROVAL OF THE AGENDA**

**1.1.**

**2. APPROVAL OF UEC MINUTES**

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**2.1.** UEC draft minutes: Nov. 22, 2019

**3. PROGRAMS AND COURSES**

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**3.1. Applied and Technical Studies: Program changes and course outlines**

Program changes including name change: Electronics Technician certificate  
(formerly Electronics Technician - Common Core certificate)

Program changes: Automation and Robotics Technician diploma

New course: ELTR 100, Electrical Network Analysis

New course: ELTR 110, Electronics Manufacturing Processes

New course: ELTR 130, Digital Logic Systems

Changes including course number: ELTR 140 (formerly ELTR 200)

New course: ELTR 150, Solid State Electronic Devices

Changes including course number: ELTR 160 (formerly ELTR 210)

New course: ELTR 170, Electronic System Integration

New course: ELTR 180, Networks and Data Communications

New course: ELTR 190, Electronics Capstone Project

New course: ELTR 220, Statistics for Electronics

New course: ELTR 230, Electrical Machines: Principles, Application, and  
Control

New course: ELTR 252, Microcontrollers II

New course: ELTR 261, Programmable Logic Controllers II

MOTION: To recommend the changes to the Electronics Technician - Common  
Core certificate as presented, effective September 2020.

MOTION: To recommend changing the Electronics Technician - Common Core  
certificate to the Electronics Technician certificate as presented, effective

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September 2020.

MOTION: To recommend the changes to the Automation and Robotics Technician diploma as presented, effective September 2020.

MOTION: To approve the ELTR course outlines as presented.

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**3.2. Biology and Computer Information Studies: Program and courses**

New program: Applied Bioinformatics certificate

New course: BIO 333, Bioinformatics I

New course: BIO 433, Bioinformatics II

MOTION: To recommend the new Applied Bioinformatics certificate as presented.

MOTION: To approve the new BIO course outlines as presented.

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**3.3. Biology: Course outlines**

Discontinuation: BIO 315

MOTION: To approve the discontinuation of BIO 315 as presented.

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**3.4. Modern Languages: Programs**

New program: Spanish minor

MOTION: To recommend the new Spanish minor as presented.

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**3.5. Modern Languages: Course outlines**

Discontinuation: FREN 330

MOTION: To approve the discontinuation of FREN 330 as presented.

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**3.6. Adult Education: Program changes and course outlines**

Change to program requirements: Teaching English as a Second Language (TESL) certificate

Changes to program requirements: Bachelor of Arts (Adult Education)

Changes including prerequisites: TESL 433

MOTION: To approve the change to the TESL certificate as presented, effective September 2020.

MOTION: To approve the changes to the Bachelor of Arts (Adult Education) as presented, effective September 2020.

MOTION: To approve the changes to the TESL 433 course outline as presented.

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**3.7. Agriculture Technology: Program changes**

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Name change from certificate: Integrated Pest Management associate certificate

MOTION: To recommend changing the Integrated Pest Management certificate to the Integrated Pest Management associate certificate as presented, effective September 2020.

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**3.8. Chemistry: Program changes**

Change to program requirements: Chemistry minor

MOTION: To approve the changes to the Chemistry minor as presented, effective September 2020.

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**3.9. Teacher Education: Program changes**

Changes to entrance requirements: Bachelor of Education

MOTION: To recommend the changes to the Bachelor of Education as presented, effective September 2020.

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**3.10. Criminal Justice: Course outlines**

Changes including prerequisites: CRIM 400, 410

Changes including prerequisites and total hours: CRIM 403

Change to prerequisites: CRIM 402, 412, 416, 418, 419, 450

Review with changes including prerequisites: CRIM 414

MOTION: To approve the CRIM course outlines as presented.

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**3.11. Business: Course outline**

Changes including course title: BUS 405

MOTION: To approve the BUS 405 course outline as presented.

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**3.12. Creative Arts: Course outlines**

Review with changes including prerequisites: AH 316

New course: THEA 210, Movement for Living

MOTION: To approve the AH 316 course outline as presented.

MOTION: To approve the THEA 210 course outline as presented.

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**3.13. Integrated and General Studies: Course outlines**

Changes including title and prerequisites: PORT 398, 399

MOTION: To approve the PORT course outlines as presented.

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**3.14. Mathematics and Statistics: Course outlines**

Review with changes including prerequisites and total course hours: MATH 444

MOTION: To approve the MATH 444 course outline as presented.

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- 182 - **3.15. Social Work and Human Services: Course outlines**  
190 Changes including prerequisites, pre/corequisites, and course title: SOWK 431  
Review with changes including prerequisites and course title: SOWK 483

MOTION: To approve the SOWK course outlines as presented.

- 191 - **3.16. History: Course outlines**  
198 New course: HIST 369, History of the United States Civil War and  
Reconstruction Eras, 1840-1877  
New course: HIST 395, Field Studies in History

MOTION: To approve the HIST course outlines as presented.

**4. OTHER BUSINESS/DISCUSSION ITEMS**

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**4.3. Policy Subcommittee report**  
**4.4. Senate report**

**5. INFORMATION ITEMS**

- 5.1. Minor course changes** (outlines will be available at  
[www.ufv.ca/calendar/courseoutlines](http://www.ufv.ca/calendar/courseoutlines))  
ENGL 071, 081, 091  
MATH 118, 322  
STAT 370/MATH 370  
TESL 400, 408, 410, 420  
  
204 **5.2. UEC membership 2019/20**

**6. ADJOURNMENT**



## **UNDERGRADUATE EDUCATION COMMITTEE (UEC) MEETING**

November 22, 2019  
10:00 AM - A225  
Abbotsford Campus

### **DRAFT MINUTES**

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**PRESENT:** Donna Alary, Heather Compeau, Peter Geller, Jonathan Hughes, Bobby Jaswal, Amber Johnston, David Johnston, Gilmour Jope, Alisha Mutneja, Elaine Newman, Linda Pardy, Samantha Patridge, Teresa Piper, Shelley Stefan, and Sven Van de Wetering  
**ABSENT:** Adrianna Bakos, Courtney Boisvert, Sue Brigden, Vlad Dvoracek, Shirley Hardman, Bruce Kirkley, Neeraj Kumar, David McGuire, and Kirsten Robertson  
**GUESTS:** Ian Affleck, Margaret Coombes, Cherish Forster, Curtis Magnuson, Marlene Murray, Greg Schlitt  
**RECORDER:** Amanda Grimson

#### **1. APPROVAL OF THE AGENDA**

#### **2. APPROVAL OF UEC MINUTES**

##### **2.1. UEC draft minutes: Oct. 25, 2019**

##### **MOTION:**

To approve the Oct. 25, 2019 draft minutes as presented.  
CARRIED

#### **3. PROGRAMS AND COURSES**

##### **3.1. Science: Program change**

Change to program requirements: Bachelor of Science

##### **MOTION:**

To approve the change to the Bachelor of Science as presented, effective September 2020.  
CARRIED

##### **3.2. Mathematics and Statistics: Course outlines**

Change to prerequisites: MATH 339

Change to prerequisites and total hours: MATH 345, 355

Review with changes including total hours: MATH 410

Review with changes including total hours: STAT 330, 430

Review with changes including prerequisites and total hours: STAT 470

New course: STAT 307, Data Visualization

There was a question regarding why MATH 410 requires 50 hours, and whether the learning outcomes could still be obtained with only four meetings every two weeks rather than five. Ian Affleck (Mathematics and Statistics department head) agreed that the department will discuss this and consider whether hours can be reduced for some courses.

**MOTION:**

To approve the revised MATH and STAT course outlines as presented.  
CARRIED

**MOTION:**

To approve the new STAT 307 course outline as presented.  
CARRIED

**3.3. Mathematics and Statistics: Program changes**

Change to program requirements: Applied Statistics minor

Addition to Bachelor of Arts: Mathematics Honours

Changes to entrance and program requirements: Data Analysis Post-baccalaureate certificate

**MOTION:**

To approve the change to the Applied Statistics program requirements as presented, effective September 2020.  
CARRIED

**MOTION:**

To approve the addition of the Mathematics Honours to the Bachelor of Arts as presented.  
CARRIED

**MOTION:**

To recommend the changes to the Data Analysis Post-baccalaureate certificate as presented, effective September 2020.  
CARRIED

**3.4. Social Work and Human Services**

Changes to entrance and program requirements, and program names: Social Service Worker diploma (formerly Social Services diploma) and Social Service Worker diploma – Indigenous Focus (formerly Social Services diploma – First Nations option)

The intention is that the Indigenous Focus will be noted on the students' transcripts just as the First Nations option is.

**MOTION:**

To recommend the changes to the Social Services diploma entrance and program requirements as presented, effective September 2020.  
CARRIED

**MOTION:**

To recommend changing the Social Services diploma to the Social Service Worker diploma as presented, effective September 2020.  
CARRIED

**MOTION:**

To recommend changing the Social Services diploma – First Nations option to the Social Service Worker diploma – Indigenous Focus as presented, effective September 2020.

CARRIED

**3.5. Geography: Course outlines**

Changes including prerequisites: GEOG 492

Review with changes including prerequisites and total hours: GEOG 493

Discontinuation: GEOG 117

**MOTION:**

To approve the GEOG 492 and 493 course outlines as presented.

CARRIED

**MOTION:**

To approve the discontinuation of GEOG 117 as presented.

CARRIED

**3.6. Geography and the Environment: Program changes**

Changes to program requirements: Geography Honours

Changes to program requirements: Geography major

Changes to program requirements: Geography extended minor

Changes to program requirements: Geography minor

Changes to program requirements: Physical Geography Honours

Changes to program requirements: Physical Geography major

Changes to program requirements: Physical Geography minor

**MOTION:**

To approve the changes to the Geography Honours, major, extended minor, and minor as presented, effective September 2020.

CARRIED

**MOTION:**

To approve the changes to the Physical Geography Honours, major, and minor as presented, effective September 2020.

CARRIED

**3.7. Criminal Justice: Course outlines**

Review with changes including prerequisites: CRIM 220, 414

Changes including prerequisites and total hours: CRIM 403

Changes including prerequisites: CRIM 400, 410

Change to prerequisites: CRIM 402, 412, 416, 418, 419, 450

Changes including prerequisites: CRIM 479

Changes including prerequisites and grade mode: CRIM 480

The addition of 60 credits to several of the 400-level courses was questioned. It was suggested that a key 300-level course could be added instead, but students in the Criminal Justice minor and extended minor are not required to take any 300-level CRIM courses. CRIM 230 is a common requirement, but itself does not have any prerequisites. CRIM 400, 402, 403, 410, 412, 414, 416, 418, 419, and 450 were removed from the agenda so that the department can further discuss these changes.

**MOTION:**

To approve the CRIM 220 course outline as presented.

CARRIED

**MOTION:**

To approve the CRIM 479 and 480 course outlines as presented.

CARRIED

**3.8. Criminal Justice: Program changes**

Changes to entrance and program requirements: Bachelor of Arts (Criminal Justice)

Changes to program requirements: Criminal Justice Honours

Changes to program requirements, including addition of Co-op: Criminal Justice diploma

Calendar copy for the Criminal Justice Honours should reflect same number of credits as the BA (Criminal Justice). Cherish Forster (Criminal Justice representative) will review the calendar copy with Amanda Grimson.

**MOTION:**

To recommend the changes to the Bachelor of Arts (Criminal Justice) as presented, effective September 2020.

CARRIED

**MOTION:**

To approve the changes to the Criminal Justice Honours as presented, effective September 2020.

CARRIED

**MOTION:**

To recommend the changes to the Criminal Justice diploma as presented, including the addition of a Co-operative Education option, effective September 2020.

CARRIED

**3.9. Biology: Course change**

Discontinuation: BIO 497

**MOTION:**

To discontinue BIO 497 as presented.

CARRIED

**4. OTHER BUSINESS/DISCUSSION ITEMS**

**4.1. APPC update**

Adrianna Bakos currently represents UEC on APPC, but there is an opportunity for her to fill a faculty role on that committee. The UEC Vice-Chair could then represent UEC on APPC.

**4.2. Senate report**

All items submitted by UEC have been approved.

UEC Draft Minutes  
22 Nov 2019

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**4.3. Subcommittee membership**

- Screening Subcommittee has one vacancy (UEC faculty member)
- Policy Subcommittee has one vacancy (UEC member at large)

**5. INFORMATION ITEMS**

**5.1. Minor course changes** (outlines will be available at  
[www.ufv.ca/calendar/courseoutlines](http://www.ufv.ca/calendar/courseoutlines))

ENGL 376

MATH 118

**6. ADJOURNMENT**

**Memo for Program Change**

To: UEC

From: Kulwinderjeet Sivia, Trevor Murray

Date: January 6, 2020

**Subject:** Program Change – Re-structure of Electronics Common Core from a 38-week day-training program to a cohesive two-year, semester-based program consisting of a common first year and two options of second year specialization (Automation & Robotics, or Digital Manufacturing)

**1. Summary of changes (select all the apply):**

- ☐ Program revision that requires new resources
- ☒ Addition of new course options or deletion or substitution of a required course
- ☐ Change to the majority of courses in an approved program
- ☒ Change to the duration, philosophy, or direction of a program
- ☐ Addition of a new field of specialization, such as a concentration
- ☐ Change in requirements for admission
- ☐ Change in requirements for residency or continuance
- ☐ Change in admission quotas
- ☐ Change which triggers an external review
- ☐ Deletion of a program not included in the Program Discontinuance policy
- ☐ Other – Please specify:

**2. Rationale for change(s):****1. Common Core Program Is Outdated**

Insights from Industry indicate that technical occupations in engineering have become increasingly computerized, requiring specialized skills. Workers who continually upgrade their skills have an advantage when seeking employment or advancement in the workforce. The existing Electronics Technician Common Core (ECC) program, which is also a first-year pre-requisite for the Automation & Robotics program, is becoming increasingly inadequate. The program needs re-structuring to better reflect current workforce challenges and also to meet the pre-requisite for the Digital Manufacturing program.

We are not alone in this observation. Our primary local competitor, BCIT, did their final ECC intake in the fall of 2018 before dropping the program to restructure their ECC courses into a 2-year program (i.e. program consisting of a common first year with the choice of specialization in the second year). Students will be awarded certificate credentials on completion of first year and diploma credentials on completion of a full two-year program.

**2. Proposal**

- i. Re-structuring of existing Electronics Common Core program by changing it from 38 weeks day training program to semester based, concurrent course program: Reducing some of the depth of existing courses and adding new courses

The concepts covered in ECC, while relevant, are covered to a degree that is excessive for what is required in second-year programs and in the industry. By reducing some of the depth in these topics, time can be spent on other topics which will provide a more diverse knowledge base. Changing from ECC and adapting the first-year content would allow us to both adequately prepare the students for the 2nd year in the Automation & Robotics Program and Digital Manufacturing Program, as well as move the program to an area of relevancy focused around the use of electronics, controls, and communications dedicated to industrial applications.

Some courses will be moved from the second year Automation & Robotics Program to the new common first year, these include **ELTR 140** (Introduction to Engineering Graphics), **ELTR 160** (Project Management) and **CMNS 125** (Communicating Professionally to Academic and Workplace Audiences).

- ii. Addition of new courses to the second-year option: Automation & Robotics

As some of the courses are moved from the existing second year Automation & Robotics Program to the new common first year, new courses will be added to the second year Automation & Robotics Program to meet TAC standards and improve relevance in industry. These include **ELTR 220** (Statistics), **ELTR 252** (Microcontrollers II) and **ELTR 261** (PLC II).

- iii. Change to the duration of the program and raise intake

Considering the first year will be common for two program options (Automation and Digital Manufacturing), the proposal is to raise the intake to 36 students for the first year. Also, the plan is to change the structure from a 38-week day-training program to a semester-based, concurrent course program.

**3. If program outcomes are new or substantially changed, explain how they align with the Institutional Learning Outcomes:**

Re-structuring of the program will not substantially change outcomes to the program, but will deal with a wider array of subject matter so that graduates have additional competencies. These outcomes will continue to align with the Institutional Learning Outcomes.

**4. What consideration has been given to indigenizing the curriculum?**

There is an ongoing effort by the Faculty of Applied and Technical Studies for bridging and supporting indigenous learners. The electronics department will be following their lead in this regard.

The electronics department will make ongoing efforts to investigate and highlight projects undertaken by indigenous communities relevant to electronics, automation and digital manufacturing.

**5. Will additional resources be required? If so, how will these costs be covered?**

The credits for all the courses combined for the first term are 16 (240 hours) and for the second term is 14 (210 hours). The total course delivery hours have not changed much and thus not impacting the budget significantly.

Addition of new courses:

- Most of the courses for first year are re-structured and will need very minimal development resources.
- For the new courses introduced to the first year and second year, resources are already allocated and without any additional cost the course packages will be developed by the instructors by May 2020.

Lab Expansion Cost (Optional):

- It will be possible to schedule the labs around our existing space, but expanding the lab space would allow some freedom in terms of scheduling, and offering 'open lab' time to students.
- Additional equipment would consist primarily of power supply and measuring equipment (~\$4800/station x 14 stations), and PC workstations (presumably via IT dept).

New Software/ Hardware Purchase Cost:

- PCB design Software Licence: In discussion with vendors to provide one-year free subscription (~ \$2000/year)
- PCB Printing Machine: Voltera ready to donate one unit (~\$5,000 per unit)

**6. How will students be impacted? (Indicate the projected number of students impacted.) Is the change expected to increase/decrease enrolment in the program?**

Ideally, the electronics program will be re-designed in such a way that we are better positioned to attract students to the program, as well as prepare and support them for employment in the field. As such, new courses added to the program are designed in compliance with the Technology Accreditation Canada (TAC), so that Graduates are fast tracked to professional

Status by provincial professional regulators. The new course outlines follow TAC guidelines and graduates will achieve all General Learning Outcomes and five core Discipline Learning Outcomes.

Thus, program re-structuring will have positive impact on students and is expected to increase the enrolment as re-structuring has following advantages

- As Automation and Digital Manufacturing programs are already semester based academic courses, changing first year to semester system will allow easier integration.
- Students from any discipline can take first year courses where prerequisites are met and an opening exists.
- Accreditation differentiates the program from those at other institutions which should attract students.

**7. Does the number of required core or elective credits from the program-specific discipline change? If so, will this change the total number of courses to be offered within the discipline?**

No, the number of required core or elective credits does not change. However, as the first year is re-structured from day training program to a semester-based program, new courses will be offered both in first year as well as in second year.

**8. Identify any available resources that will be used to accommodate the program changes. (Eg. seats in existing classes, conversion of sections, timetabling changes, deletion of courses, etc.)**

i. Class size:

As the intake will increase, to accommodate students each course will have one section/set of lecture and two lab sections/sets

- Lectures: Maximum of 36 Students (one section per course)
- Labs: Maximum of 18 Students (two lab sections for each applicable course)

Note: Overlapping of some courses: Courses moved to first year from second year will have students from both the years for the starting year of the program.

ii. Time-Tabling Change

Few courses are moved from the second year Automation & Robotics Program to the first year, these include

- ELTR 140 (Introduction to Engineering Graphics): As the course is moved from second year to first year, therefore the course number code need to be changed from ELTR200 to ELTR 140 to match the course code classification criterion of first year courses. Course will be offered at the same time of the year. The student enrolment will go up from 20 to 36 students. Students can be accommodated both in lecture and labs without additional resources required. Budgetary analysis has been done keeping in mind the addition of one lab set.
- ELTR 160 (Project Management): ELTR 210 will not be offered and students with credit for ELTR 210 cannot take ELTR 160 for further credit. Course will be offered at the same time of the year. The student enrolment will go up from 20 to 36 students. Students can be accommodated in lecture. No labs required for this course.
- CMNS 125 (Communicating Professionally to Academic and Workplace Audiences): The course is moved from second year to first year, however it will be offered during the same time of the year (Winter term). The enrolments to the course will go up from existing 20 students to 36 students. Communications department has been consulted and they have no concerns, students can be accommodated into the class room. No lab requirements for this course.

**9. Is the number of required or elective courses from other disciplines in the program changing? If so, what is the estimated impact to enrolments in these courses? Provide a memo from the respective dean(s) of the impacted faculty to confirm if budgetary implications have been considered and addressed.**

Yes. There are two extra-disciplinary courses that will be undergoing changes:

**CMNS 125** is being moved from the Automation & Robotics second year to the new common first year. This will mean a slight increase in the maximum number of students enrolling in the course from 22 to 36. The communications department has been consulted regarding this change and has indicated that there will be no significant impact from this change.

**AGRI 143** is being removed from the Automation & Robotics program. This has been addressed with the Dean of Applied & Technical studies and he has confirmed that this will not have any negative budgetary impacts.

## Electronics First-Year Program Changes

### UEC Screening Feedback

#### **ANSWERS TO QUESTIONS:**

- **CMNS 125 is not currently part of the Common Core. Has the Communications department been consulted on this change?**
  - Yes. There was a consultation with Samantha Partridge at the communications department. They had no concerns or feedback, and simply asked us to notify them when we needed sections of CMNS 125 available.
- **The hours/credit for ELTR 201 and 202 (not being revised) do not match the other courses. Is there any intention to revise these to 45 and 60 hours, respectively?**
  - There is no intention to adjust the existing ELTR 201 and 202 courses at this time. As much of the lab work in these courses is self-directed, the lab hours for these courses are calculated at half-weight (30 hours/credit as opposed to the usual 15).
- **ELTR 140 appears to be a new course rather than just a revision of ELTR 200. It may be better to discontinue ELTR 200 and create ELTR 140 with a note that students with credit for ELTR 200 cannot take ELTR 140 for further credit.**
  - The course content is unchanged, but it is being moved from second to first year, so we wanted to change the number in order to align it with the other first year courses. *Is this equivalent to creating a new course?*
- **Is the intention to also make changes to the Automation and Robotics Technician diploma and/or the Digital Manufacturing diploma?**
  - The Digital Manufacturing diploma will remain unchanged. As some of the courses from the Automation & Robotics diploma are being moved to the Electronics first-year, there are some courses being created to replace them (these are included in the proposal package).
- **How does the second year differ between these two programs?**
  - The Digital Manufacturing program is based in practical, project-based manufacturing courses. The Automation & Robotics program is a split between theoretical and practical lessons in control systems, mechanical actuators, sensors, programming and design.
- **Is the length of the teaching year being changed?**
  - Yes. The existing first-year program runs as a day-training program from September to June, and the new version will run during the academic fall and winter semesters.

## Electronics Technician — ~~Common Core~~ certificate

### Entry-level trades training

The ~~program~~ Electronics Technician certificate program is designed to prepare people with no electronics background for a range of entry-level technical service positions.

~~This program is recognized by the International Electronics Technician Articulation Committee. This recognition allows students national and global mobility in pursuing employment and further education in the electronics field.~~

The ~~Electronics Technician~~ program ~~is provides~~ the ~~common core~~ prerequisite knowledge for advanced electronic technician specialty programs at post-secondary institutions throughout British Columbia and around the world. This includes UFV's **Automation and Robotics Technician** and Digital Manufacturing diploma programs.

Graduates will have fundamental skills and knowledge in analyzing, troubleshooting, repairing, and constructing analog and digital circuits. They will also have experience designing, prototyping, constructing and testing electronic systems using industry standard design software and circuit board manufacturing practices.

### Concurrent studies option

UFV allows secondary school students to complete this program through a concurrent studies model during their Grade 12 year. For more information, students should contact their district/school career counsellor. Students may also contact the UFV Trades & Technology Centre at 604-847-5448 or email [trades@ufv.ca](mailto:trades@ufv.ca).

### Employment opportunities

Graduates may find employment with:

- Manufacturers of electronic equipment
- Telecommunication centres
- Instrumentation service centres

- Business equipment service centres
- Cable companies
- Commercial sound companies

Most graduates will continue their education while specializing in any number of diverse fields such as business equipment, computer hardware and networking, industrial instrumentation, telecommunications, and more.

## Entrance requirements

Secondary school graduation is strongly recommended for career success. In addition to UFV's general university admission requirements, which include the **English language proficiency requirement**, students must meet the following entrance requirements for admission.

1. One of the following:
  - B.C. secondary school graduation or equivalent.
  - Mature student status (19 years or older).
2. One of the following:
  - Completion of any Mathematics 10 (or higher grade) or equivalent (including Foundations of Mathematics, Pre-calculus, Apprenticeship and Workplace Mathematics, MATH 072, or MATH 076) with a grade of C or better.
  - Successful completion of a UFV trades math entrance exam.

Note: Students who have not been in any schooling for more than three years are strongly advised to take the recommended mathematics assessment test to determine level of preparedness. The assessment test may identify areas that require strengthening to optimize the opportunities for program success. In most cases, upgrading can be taken simultaneously with the program.

3. One of the following:
  - Completion of English Studies 12, ~~or~~ English First Peoples 12, ~~(see Note)~~ English 12, English Literature 12, English 12 First Peoples, AP English, IB English A (standard level or higher level), or out-of-province equivalent with a grade of C or better.

~~Note: Students may also present English 12, English Literature 12, English 12 First Peoples, AP English, IB English A (standard level or higher level), or out of province equivalent.~~

- UFV Accuplacer Reading comprehension score of 80 or better, together with Accuplacer WritePlacer score of 6 or better on the 8-point scale.
- UFV CPT (Composition Placement Test) — score of 41 or higher.
- TOEFL iBT score of 80 with no section below 19.
- Completion of any other test score or course grade listed in the **Entry-level post-secondary English language proficiency standards**.

## When to apply

Applications are accepted on a continuous basis throughout the year. Qualified applicants are considered for the next intake in which there is space. See **Continuous application process** for more information.

## How to apply

1. Apply online at [ufv.ca/admissions/apply](https://ufv.ca/admissions/apply). Applicants currently in Grade 12 may apply during their Grade 12 year. A statement from the school counsellor or principal, indicating that they are likely to meet graduation requirements by June, must be presented. A transcript showing evidence of meeting the entrance requirements will be required in order to be offered a seat.
2. Applicants who do not meet the math entrance requirement can book a testing date for the UFV trades math entrance exam online at [ufv.ca/trades/entrance-exam](https://ufv.ca/trades/entrance-exam).
3. Applicants who do not meet the English language entrance requirement will be given the opportunity to meet the English requirement through **Adult Basic Education, English Language Studies**, and/or the **University Foundation** certificate.
4. Read the program description and information carefully. For more information, please contact the Trades & Technology Centre at 604-847-5448 or [trades@ufv.ca](mailto:trades@ufv.ca).
5. Prior to classes starting, applicants will be notified by telephone or email of the registration procedures. Applicants who cannot be reached after three attempts will be removed from the wait list.

## Basis for admission decision

Applicants who meet the entrance requirements will be admitted in order of their application date. This date is set when an application, all required documentation, and the application fee have been submitted.

## Fees and additional costs

See the **Fees and Other Costs** section. Electronics Technician students should also budget approximately \$200 for basic tools and \$990 for required textbooks.

~~Note: A deposit (currently \$200) must be paid at the time of registration, which typically takes place one or two months before the start of the program.~~

## Dates and attendance requirements

~~Two semesters, 30 credits.~~

~~The Electronics Technician program starts in September and ends the following June.~~

~~The Electronics Technician program requires continuous attendance to successfully complete all requirements for the program. Students will be expected to attend all classes every week for the duration of the entire program.~~

~~Students must meet the attendance requirements as outlined in their individual program guides. See UFV's **Attendance policy (62)**.~~

## Location

The Electronics Technician program is located at the Trades & Technology Centre at the Canada Education Park in Chilliwack. ~~The reception centre is open 8am–4pm, Monday to Friday. Classes and shops may be scheduled 8am–3pm, Monday to Friday.~~

## Program outline

~~The program will focus on electronics as applied to:~~

- ~~• Computers~~

- Networking
- Home technology integration
- Automotive applications

Skill development will consist of learning activities that provide hands-on lab work mixed with classroom-based activities including lectures, group activities, reading assignments, and practice problems.

## **Areas of concentration**

UFV's Electronic Technician program is organized into the following areas of concentration:

- Introduction to AC and DC Circuits
- Discrete Semiconductor Circuits
- Linear Electronic Circuits
- Digital Electronic Circuits
- Microprocessors/Microcontrollers

| <u>Course</u>   | <u>Title (full titles as listed on official course outlines)</u>        | <u>Credits</u> |
|-----------------|-------------------------------------------------------------------------|----------------|
| <u>ELTR 100</u> | <u>Electrical Network Analysis</u>                                      | <u>4</u>       |
| <u>ELTR 110</u> | <u>Electronics Manufacturing Processes</u>                              | <u>3</u>       |
| <u>ELTR 130</u> | <u>Introduction to Engineering Graphics</u>                             | <u>3</u>       |
| <u>ELTR 140</u> | <u>Digital Logic Systems</u>                                            | <u>3</u>       |
| <u>ELTR 150</u> | <u>Solid State Electronic Devices</u>                                   | <u>3</u>       |
| <u>ELTR 160</u> | <u>Project Management Methodologies and Impacts for Electronics</u>     | <u>3</u>       |
| <u>ELTR 170</u> | <u>Electronic System Integration</u>                                    | <u>2</u>       |
| <u>ELTR 180</u> | <u>Networks and Data Communications</u>                                 | <u>3</u>       |
| <u>ELTR 190</u> | <u>Electronics Capstone Project</u>                                     | <u>3</u>       |
| <u>CMNS 125</u> | <u>Communicating Professionally to Academic and Workplace Audiences</u> | <u>3</u>       |

## Program requirements

Students must complete all requirements with a grade of 70% or better to receive a Credit (CR) grade in order to graduate.

Students who do not receive a Credit (CR) grade in all required areas by the program end date, may apply to their instructor for re-entry into the program. Students who reapply may register as upgrading students and must complete all program requirements no later than the program end date of the following year. See **Upgrading** section for more details.

## Attendance and conduct

Unacceptable academic performance may, at the discretion of the instructor, include poor attendance, slow progress in theory and practical tasks, and/or lack of satisfactory participation in class activities. See UFV's **Attendance policy (62)**.

Applied and Technical Studies students are expected to conduct themselves in a mature and responsible manner, and will be held responsible for their actions, whether acting alone or in group. See UFV's **Student Academic Misconduct policy (70)** and **Safe Student Learning Community policy (204)**.

## Withdrawal

### Student-initiated withdrawal (discontinuing)

If a student wishes not to continue, they will need to initiate a withdrawal at the Office of the Registrar.

### Required to withdraw

Failed grades may result in withdrawal from the program. Students may be required to withdraw from a course or program for failing to comply with attendance, conduct, or program policies, or UFV policies including: **Attendance policy (62)**, **Student Academic Misconduct policy (70)**, **Safe Student Learning Community policy (204)**.

## Upgrading

The upgrading program allows those currently or recently employed in the industry to complete their certificate requirements or to become proficient in specific processes or techniques.

An upgrading student will be enrolled for no more than 13 weeks. Upgrading students will not displace anyone registered in the next intake.

Upgrading students are expected to meet program prerequisites through previous enrolment or proof of industry experience approved by the program instructor.

## **Readmission**

Students who begin a Trades program, but withdraw before completing the program, may contact the department to request re-entry to the program provided their absence is less than two years. Re-entry is conditional based on space availability and instructor permission, and if the curriculum has not changed.

Students who are absent for more than one year will be required to apply for readmission. An application for admission form and application fee will be required.

## **Graduation requirements**

Students must apply for graduation by completing the Graduation Request form available at [ufv.ca/registrar/forms](http://ufv.ca/registrar/forms).

## Automation and Robotics Technician diploma

This diploma program builds on the Electronics Technician —Common Core certificate to prepare students for careers in applied automated industries and control system applications. Graduates from this program are skilled trained technicians with abilities and confidence in building, maintaining, calibrating, and integrating automation and control systems in a wide variety of sectors, including agriculture, industrial manufacturing, and the oil and gas industry. The UFV program utilizes agricultural settings as a platform to introduce students to real-world automation and control systems applications. This program complies with national and international technology accreditation guidelines, and provides a balance between academic and practical technical experience.

Students who have completed the Electronics Technician —Common Core certificate are given registration priority.

### Entrance requirements

#### Option 1

Successful completion of the Electronics Technician —Common Core certificate (or equivalent, by permission of the Automation and Robotics Technician Advisory Committee department).

Applicants must meet the Degree/diploma level English language proficiency requirement. For details on how this requirement may be met, see the English language proficiency requirement section of the calendar.

#### Option 2

One of the following:

- Successful completion of other relevant post-secondary education (such as pre-electrical engineering, electrical engineering or physics courses), as evidenced by educational transcripts; **or**
- Training experience and documented workplace hours in a related discipline.

Students applying for admission to the program under Option 2 will also be required to attend an interview with ~~the Advisory Committee~~ [representatives of the Electronics department in order](#) to assess the following:

- Electronics theoretical knowledge of analog, digital, and microcontroller components.
- Circuit analysis methods and skills.
- Communication skills: ability to listen and articulate ideas.
- Hands on demonstration of basic practical methods of troubleshooting, circuit construction, assembly, and soldering.
- Personal and work commitments in relation to assuming the demands of an applied academic program of studies.

Successful completion of ELS Advanced Speaking/Listening, and Writing course sequence may be required for applicants for whom English is not a first language.

Applicants must meet the Degree/diploma level English language proficiency requirement. For details on how this requirement may be met, see the [English language proficiency requirement](#) section of the calendar.

## When to apply

Applications are accepted for entrance to the Fall semester only. For application deadlines, see [Specific intake application process](#).

## How to apply

1. Apply online at [ufv.ca/admissions/apply](http://ufv.ca/admissions/apply). Applicants will be asked to submit an application fee, which can be paid by a variety of online methods.
2. Prior to classes starting, applicants will be notified by telephone or email of the registration procedures. Applicants who cannot be reached after three attempts will be removed from the wait list.

## Basis for admission decision

Applicants who meet the entrance requirements will be admitted in order of their application date. This date is set when an application, all required documentation, and the application fee have been submitted.

## Fees and additional costs

See the [Fees and Other Costs](#) section.

## Program duration

~~Graduates of the Electronics Technician — Common Core certificate can complete the 33 credits required for the diploma in two semesters of full time study.~~

[Two semesters, 30 credits.](#)

## Location

Courses are offered at the Chilliwack Trades & Technology Centre campus.

## Program outline

| Course              | Title                                                                       | Credits      |
|---------------------|-----------------------------------------------------------------------------|--------------|
| <del>CMNS 125</del> | <del>Communicating Professionally to Academic and Workplace Audiences</del> | <del>3</del> |
| <del>ELTR 200</del> | <del>Technical Drafting and AutoCAD Applications</del>                      | <del>2</del> |
| ELTR 201            | Hydraulic and Pneumatic Control Systems                                     | 3            |
| ELTR 202            | Microprocessors/Microcontrollers and Data Acquisition                       | 5            |

|                                     |                                                                                        |              |
|-------------------------------------|----------------------------------------------------------------------------------------|--------------|
| <a href="#"><del>AGRI 143</del></a> | <a href="#"><del>Introduction to Agriculture</del></a>                                 | <del>3</del> |
| <a href="#"><del>ELTR 210</del></a> | <a href="#"><del>Project Management and Occupational Organization</del></a>            | <del>3</del> |
| ELTR 211                            | Programmable Logic Controllers                                                         | 3            |
| <a href="#"><del>ELTR 212</del></a> | <a href="#"><del>Wiring, Motors, and Actuators</del></a>                               | <del>3</del> |
| ELTR 214                            | Control Systems                                                                        | 5            |
| ELTR 216                            | Automation and Control Systems Project                                                 | 3            |
| <a href="#"><del>ELTR 220</del></a> | <a href="#"><del>Statistics for Engineering</del></a>                                  | <del>3</del> |
| <a href="#"><del>ELTR 230</del></a> | <a href="#"><del>Electrical Machines: Principles, Applications &amp; Control</del></a> | <del>3</del> |
| <a href="#"><del>ELTR 252</del></a> | <a href="#"><del>Microcontrollers II</del></a>                                         | <del>3</del> |
| <a href="#"><del>ELTR 261</del></a> | <a href="#"><del>Programmable Logic Controllers II</del></a>                           | <del>3</del> |

## Program continuance

Continuance will be calculated on all program-specific courses taken prior to, or after, admission to the program. To remain in the program, students must maintain a minimum GPA of 2.00 in all

program-specific courses. The Advisory Committee may grant exceptions under extenuating circumstances.

## Undergraduate continuance

Students enrolled in undergraduate courses (courses numbered 100 or above) must maintain an undergraduate Cumulative Grade Point Average (CGPA) of at least 2.00 to remain enrolled in Good Academic Standing at UFV. Students in Good Academic Standing will have no registration limits placed on them. Failure to meet the minimum CGPA requirement will result in restrictions on registration and may eventually lead to academic suspension from undergraduate studies at UFV. Students on Academic Warning or Academic Probation are limited to registering in 10 credits. For further details, see the [Academic standing and undergraduate continuance](#) section of the academic calendar. Academic standing is governed by UFV's [Undergraduate Continuance policy \(92\)](#).

## Withdrawal

### Student-initiated withdrawal (discontinuing)

If a student wishes not to continue, they will need to initiate a withdrawal at the Office of the Registrar.

### Required to withdraw

Failed grades may result in withdrawal from the program. Students may be required to withdraw from a course or program for failing to comply with attendance, conduct, or program policies, or UFV policies including: [Attendance policy \(62\)](#), [Student Academic Misconduct policy \(70\)](#), [Safe Student Learning Community policy \(204\)](#).

## Upgrading

The upgrading program allows those currently or recently employed in the industry to complete their certificate requirements or to become proficient in specific processes or techniques.

An upgrading student will be enrolled for no more than 13 weeks. Upgrading students will not displace anyone registered in the next intake.

Upgrading students are expected to meet program prerequisites through previous enrolment or proof of industry experience approved by the program instructor.

## Course repetition

See UFV's [Course Repeat policy \(86\)](#).

## Readmission

Readmission to the program is subject to space availability.

## Residency

Students must complete at least 50% of the required second-year credits for the diploma at UFV.

## Graduation requirements

It is the student's responsibility to ensure all program requirements are met. This should be done by regular consultation with the program coordinator. To be eligible to graduate, students must achieve a minimum GPA of 2.00 in all program-specific courses.

Students must apply for graduation by completing the Graduation Request form available at [ufv.ca/registrar/forms](http://ufv.ca/registrar/forms), or from the Office of the Registrar. This should be done in the first month of the final semester. The final deadline for students who wish to attend the June Convocation ceremony is April 1 of each year, with all program requirements completed by the Winter semester grade deadline (see [Important Registration Dates](#)) of each year.

## Maximum length of time to complete program

The diploma is designed to be completed in one year following successful completion of the Electronics Technician ~~Common Core~~ certificate. Students must complete the program requirements within three years.

## Course listings

For complete details on courses see the [course descriptions](#) section.

**Memo for New Course**

To: Faculty of Applied & Technical Studies Curriculum Committee

From: Kulwinderjeet Sivia, Trevor Murray

Date:

**Subject: ELTR 100 Electrical Network Analysis Course**

**1. Rationale for new course:**

The Electronics Common Core (ECC) program will be re-designed in such a way that we are better positioned to attract students to the program, as well as prepare and support them for employment in the field. The concepts covered in ECC, while relevant, are covered to a degree that is excessive for what is required in second-year programs and in the industry. By reducing some of the depth in these topics, time can be spent on other topics which will provide a more diverse knowledge base.

Technology Accreditation Canada (TAC) delivers accreditation services for the engineering technology and applied science profession in Canada. As such, it is beneficial to design the program in compliance with the Technology Accreditation Canada (TAC), so that Graduates are fast tracked to professional Status by provincial professional regulators.

**2. How this new course fits into program(s):**

The new course will cover point (b), (c), (d) and (e) of the five core competencies required for second year options i.e. Automation & Robotics, and Digital Manufacturing. The core competencies required are:

- a) Demonstrate strong computer skills, including the ability to learn and use software applications on one's own, or with minimal guidance.
- b) Operate tools, equipment or technologies that are broadly used for the purposes of production, analysis, troubleshooting, or extending reach.
- c) Apply analytical reasoning skills to processes such as troubleshooting, synthesis, extrapolations and forecasting
- d) Employ fundamental arithmetical/mathematical skills working with basic quantities, formulas, graphs and charts in order to integrate parts and components into particular application.
- e) Formulate questions and solutions through a process of problem-solving that involves reasonably complex components.

3. Explain how the course learning outcomes align with the learning outcomes of the program(s):

This course is aligned with the learning outcomes of the program with objective of getting accreditation from TAC. Upon completion of this program, students will be able to meet ASTTBC Electronics Technologist Accreditation requirements. \*

This course meets majority of Learning Outcomes Indicators (LOI's) for one of the five Program Discipline Learning Outcomes (PDLO's) required and two of the eight Program General Learning Outcomes (PGLO's).

**ELOTY01: Analog Circuits: Diagnose, specify, select, design, and, construct DC and AC analog circuits.**

**GY02 Mathematics: Basic Math.**

**GY04 Physical and Natural Science: Solve technical problems applying the principles of physical and natural science.**

4. Will this course be required by any program beyond the discipline? If so, how will this course affect that program or programs?

No, this is not required by any program beyond the discipline.

5. Which program areas have been consulted about the course?

Not any internal departments, however ASTTBC has been consulted.

**From:** Charles Joyner [<mailto:cjoyner@asttbc.org>]  
**Sent:** September-13-19 2:01 PM  
**To:** Avner Bachar  
**Cc:** Jason Jung, ASCT  
**Subject:** Program Accreditation requirements

Hello Avner: Accreditation of technology education programs is done by Technology Accreditation Canada (TAC). The standards, criteria and process for accrediting a program are available on the TAC website <http://www.technologyaccreditation.ca/Landing>. Perhaps the most informative document regarding the process is the National Program Accreditation Manual for Administrators. <http://www.technologyaccreditation.ca/National-Accreditation/Application>. TAC is now at version 8 of the manual so be sure you use the most current manual when preparing for accreditation.

Regarding the general competencies or general learning outcomes, whatever standard is in place at the time you apply for accreditation should be the standard the audit team will apply to when conducting an audit. The general learning outcomes (GLO) for technicians are quite different from technologists. Be sure to review the indicators for the project coordination or project management learning outcome. For Technologist level programs a significant learning outcome is the Capstone Project technical report. That is GLO 01 for technologists.

Warmest regards, Charles



Charles Joyner, ASCT,  
 BEd, MA  
 Registrar  
 604.585.2788 ext 235



This e-mail and any attachments may contain information that is privileged, confidential, or otherwise exempt from disclosure under applicable laws and is intended only for the named recipients. If you have received this email in error, please notify the sender and destroy the email.

6. If a new discipline designation is required, explain why:

Not applicable.

7. What consideration has been given to indigenizing the curriculum?

Not applicable.

8. If this course is not eligible for PLAR, explain why:

All the courses are eligible for PLAR.

9. Explain how each of the following will affect the budget for your area or any other area:

a. **Credit value:** No effect on budget.

b. **Class size limit:**

Lectures: Maximum of 36 Students (one section per course)

Labs: Maximum of 18 Students (two lab sections for each applicable course)

(See financial analysis)

c. **Frequency of offering** Once per year. No effect on budget.

d. **Resources required (labs, equipment)** No effect on budget.

|                                  |                                    | <b>Instructional Resources</b> | <b>Lab</b>                                                                        |                                      |                                       |
|----------------------------------|------------------------------------|--------------------------------|-----------------------------------------------------------------------------------|--------------------------------------|---------------------------------------|
|                                  | <b>Course Name</b>                 |                                | <b>Equipment / Facilities</b>                                                     | <b>Software</b>                      | <b>Consumable</b>                     |
| <b>FIRST YEAR TERM 1 COURSES</b> |                                    |                                |                                                                                   |                                      |                                       |
| <b>ELTR 100</b>                  | <b>Electrical Network Analysis</b> | Internal                       | Electronics Lab<br>Power supplies, meters, oscilloscopes, transformers. Computers | Circuit Analysis Software (MultiSim) | Resistors, capacitors, inductors, etc |

10. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) How are the trips funded?

No

11. Estimate of the typical costs for this course, including textbooks and other materials:

Textbooks : \$85

Tool box : \$100


**ORIGINAL COURSE IMPLEMENTATION DATE:** September 2020

**REVISED COURSE IMPLEMENTATION DATE:**
**COURSE TO BE REVIEWED** (six years after UEC approval): January 2026

**Course outline form version:** 05/18/2018

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----|---------------------|--|-----------------------------|----|--------------------------------------------------------------|--|------------------------------|--|----------------------|--|--------------------|-----------|
| <b>Course Code and Number:</b> ELTR 100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Number of Credits:</b> 4 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Course Full Title:</b> Electrical Network Analysis<br><b>Course Short Title:</b><br><i>(Transcripts only display 30 characters. Departments may recommend a short title if one is needed. If left blank, one will be assigned.)</i>                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Faculty:</b> Faculty of Applied and Technical Studies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Department (or program if no department):</b> Electronics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Calendar Description:</b><br>Learn fundamentals of electricity and electronics. Concepts and principles related to the understanding of passive and active components, devices, and circuits are covered. Students will learn to build, analyze, and troubleshoot circuits using typical technician equipment work bench equipment such as multimeters, oscilloscopes, and function generators.                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Admission to the Electronics Technician certificate.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Antirequisite Courses</b> <i>(Cannot be taken for additional credit.)</i><br>Former course code/number:<br>Cross-listed with:<br>Dual-listed with:<br>Equivalent course(s):<br><i>(If offered in the previous five years, antirequisite course(s) will be included in the calendar description as a note that students with credit for the antirequisite course(s) cannot take this course for further credit.)</i>                                                                                                                                                                                                                                                            | <b>Special Topics</b> <i>(Double-click on boxes to select.)</i><br>This course is offered with different topics:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, topic will be recorded when offered.)</i><br><b>Independent Study</b><br>If offered as an Independent Study course, this course may be repeated for further credit: <i>(If yes, topic will be recorded.)</i><br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><b>Transfer Credit</b><br>Transfer credit already exists: (See <a href="#">bctransferguide.ca</a> )<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes<br>Submit outline for (re)articulation:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, fill in transfer credit form.)</i><br><b>Grading System</b><br><input checked="" type="checkbox"/> Letter Grades <input type="checkbox"/> Credit/No Credit<br><b>Maximum enrolment (for information only):</b> 36<br><b>Expected Frequency of Course Offerings:</b><br>Fall only <i>(Every semester, Fall only, annually, etc.)</i> |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Typical Structure of Instructional Hours</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Lecture/seminar hours</td> <td style="text-align: center;">40</td> </tr> <tr> <td>Tutorials/workshops</td> <td></td> </tr> <tr> <td>Supervised laboratory hours</td> <td style="text-align: center;">20</td> </tr> <tr> <td>Experiential (field experience, practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Supervised online activities</td> <td></td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td style="text-align: right;"><b>Total hours</b></td> <td style="text-align: center;"><b>60</b></td> </tr> </table> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Lecture/seminar hours | 40 | Tutorials/workshops |  | Supervised laboratory hours | 20 | Experiential (field experience, practicum, internship, etc.) |  | Supervised online activities |  | Other contact hours: |  | <b>Total hours</b> | <b>60</b> |
| Lecture/seminar hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| Tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| Supervised laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| Experiential (field experience, practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| Supervised online activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Total hours</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>60</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| Labs to be scheduled independent of lecture hours: <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Department / Program Head or Director:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Date approved:</b> November 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Date approved:</b> November 14, 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Dean/Associate VP:</b> John English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Date approved:</b> November 14, 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Date of posting:</b> January 17, 2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Date of meeting:</b> January 31, 2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |

ELTR 100

University of the Fraser Valley Official Undergraduate Course Outline

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## Learning Outcomes

Upon successful completion of this course, students will be able to:

- Explain, analyze, and interpret the characteristics of basic electrical quantities (resistance, inductance, reactance, current, voltage, charge, power).
- Explain, analyze and interpret the relationship between basic electrical quantities (resistance, inductance, reactance, current, voltage, charge, power).
- Understand and examine the behaviors and characteristics of alternating current (waveforms, periods, frequency, phase angle).
- Understand and analyze the effects of, and relationships between, reactance, resistance, and impedance.
- Understand and explain the differences and relationships between different circuit types (series, parallel, series-parallel).
- Safely and competently operate power supply equipment (DC/AC, function generators).
- Safely and competently operate measurement equipment (multimeters, oscilloscopes).
- Employ common network theorems and analysis techniques for circuit analysis (superposition, maximum power transfer, Kirchhoff's Laws, Thevenin's theorem, Norton's theorem, mesh current analysis, nodal analysis).
- Design, analyze and test basic linear networks.
- Explain how alternating voltage is generated.
- Understand and apply principles of magnetism and electromagnetism.
- Analyze simple magnetic circuits.

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes      ☐ No, PLAR cannot be awarded for this course because

## Typical Instructional Methods *(Guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion.)*

Lecture and lab work.

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

## Typical Text(s) and Resource Materials *(If more space is required, download Supplemental Texts and Resource Materials form.)*

| Author (surname, initials) | Title (article, book, journal, etc.) | Current ed.                         | Publisher       | Year |
|----------------------------|--------------------------------------|-------------------------------------|-----------------|------|
| 1. Russell L. Meade        | Foundations of Electronics           | <input checked="" type="checkbox"/> | Delmar Learning | 2017 |
| 2.                         |                                      | <input type="checkbox"/>            |                 |      |
| 3.                         |                                      | <input type="checkbox"/>            |                 |      |
| 4.                         |                                      | <input type="checkbox"/>            |                 |      |
| 5.                         |                                      | <input type="checkbox"/>            |                 |      |

## Required Additional Supplies and Materials *(Software, hardware, tools, specialized clothing, etc.)*

## Typical Evaluation Methods and Weighting

|                |     |              |     |                   |   |            |      |
|----------------|-----|--------------|-----|-------------------|---|------------|------|
| Final exam:    | 40% | Assignments: | 5%  | Field experience: |   | Portfolio: | %    |
| Midterm exam:  | 25% | Project:     |     | Practicum:        | % | Other:     | %    |
| Quizzes/tests: | 5%  | Lab work:    | 25% | Shop work:        | % | Total:     | 100% |

## Details (if necessary):

## Typical Course Content and Topics

- Basic concepts of electricity
- Electrical quantities, electrical components
- Ohm's Law, Kirchhoff's Laws, series circuits, parallel circuits, series-parallel circuits.
- Network theorems, networks analysis techniques (Thevenin's Theorem, Norton's Theorem, mesh analysis, maximum power theorem, nodal analysis)
- Electromagnetism
- Measuring instruments, oscilloscopes.
- Basic AC theory
- Inductance, inductive reactance, RL circuits, transformers.
- Capacitance, capacitive reactance, RC circuits
- RLC circuits, resonance.

**Memo for New Course**

To: Faculty of Applied & Technical Studies Curriculum Committee

From: Kulwinderjeet Sivia, Trevor Murray

Date:

**Subject: ELTR 110 Electronics Manufacturing Techniques**

**1. Rationale for new course:**

The Electronics Common Core (ECC) program will be re-designed in such a way that we are better positioned to attract students to the program, as well as prepare and support them for employment in the field. The concepts covered in ECC, while relevant, are covered to a degree that is excessive for what is required in second-year programs and in the industry. By reducing some of the depth in these topics, time can be spent on other topics which will provide a more diverse knowledge base.

Technology Accreditation Canada (TAC) delivers accreditation services for the engineering technology and applied science profession in Canada. As such, it is beneficial to design the program in compliance with the Technology Accreditation Canada (TAC), so that Graduates are fast tracked to professional Status by provincial professional regulators.

**2. How this new course fits into program(s):**

The new course will cover point (a), (b) and (c) of the five core competencies required for second year options i.e. Automation & Robotics, and Digital Manufacturing. The core competencies required are:

- a) Demonstrate strong computer skills, including the ability to learn and use software applications on one's own, or with minimal guidance.
- b) Operate tools, equipment or technologies that are broadly used for the purposes of production, analysis, troubleshooting, or extending reach.
- c) Apply analytical reasoning skills to processes such as troubleshooting, synthesis, extrapolations and forecasting
- d) Employ fundamental arithmetical/mathematical skills working with basic quantities, formulas, graphs and charts in order to integrate parts and components into particular application.
- e) Formulate questions and solutions through a process of problem-solving that involves reasonably complex components.

**3. Explain how the course learning outcomes align with the learning outcomes of the program(s):**

This course is aligned with the learning outcomes of the program with objective of getting accreditation from TAC. Upon completion of this program, students will be able to meet ASTTBC Electronics Technologist Accreditation requirements. \*

This course meets majority of Learning Outcomes Indicators (LOI's) for two of the eight Program General Learning Outcomes (PGLO's) required.

**GY07: Computer Knowledge: Use a variety of appropriate computer hardware and software necessary to the performance of tasks within the discipline.**

**GY08: Health and Safety: Analyze, interpret and assess best practices to ensure a safe and healthy working environment for oneself and colleagues.**

**4. Will this course be required by any program beyond the discipline? If so, how will this course affect that program or programs?**

No, this is not required by any program beyond the discipline.

**5. Which program areas have been consulted about the course?**

Not any internal departments, however ASTTBC has been consulted.

**From:** Charles Joyner [<mailto:cjoyner@asttbc.org>]  
**Sent:** September-13-19 2:01 PM  
**To:** Avner Bachar  
**Cc:** Jason Jung, AScT  
**Subject:** Program Accreditation requirements

Hello Avner: Accreditation of technology education programs is done by Technology Accreditation Canada (TAC). The standards, criteria and process for accrediting a program are available on the TAC website <http://www.technologyaccreditation.ca/Landing>. Perhaps the most informative document regarding the process is the National Program Accreditation Manual for Administrators. <http://www.technologyaccreditation.ca/National-Accreditation/Application>. TAC is now at version 8 of the manual so be sure you use the most current manual when preparing for accreditation.

Regarding the general competencies or general learning outcomes, whatever standard is in place at the time you apply for accreditation should be the standard the audit team will apply to when conducting an audit. The general learning outcomes (GLO) for technicians are quite different from technologists. Be sure to review the indicators for the project coordination or project management learning outcome. For Technologist level programs a significant learning outcome is the Capstone Project technical report. That is GLO 01 for technologists.

Warmest regards, Charles



Charles Joyner, AScT,  
 BEd, MA  
 Registrar  
 604.585.2788 ext 235



This e-mail and any attachments may contain information that is privileged, confidential, or otherwise exempt from disclosure under applicable laws and is intended only for the named recipients. If you have received this email in error, please notify the sender and destroy the email.

**6. If a new discipline designation is required, explain why:**

Not applicable.

7. What consideration has been given to indigenizing the curriculum?

Not applicable.

8. If this course is not eligible for PLAR, explain why:

All the courses are eligible for PLAR.

9. Explain how each of the following will affect the budget for your area or any other area:

a. **Credit value:** No effect on budget.

b. **Class size limit:**

Lectures: Maximum of 36 Students (one section per course)

Labs: Maximum of 18 Students (two lab sections for each applicable course)

(See financial analysis)

c. **Frequency of offering** Once per year. No effect on budget.

d. **Resources required (labs, equipment)**

|                           |                                     | Instructional Resources | Lab                                                                          |                     |               |
|---------------------------|-------------------------------------|-------------------------|------------------------------------------------------------------------------|---------------------|---------------|
|                           | Course Name                         |                         | Equipment / Facilities                                                       | Software            | Consumable    |
| FIRST YEAR TERM 1 COURSES |                                     |                         |                                                                              |                     |               |
| ELTR 110                  | Electronics Manufacturing Processes | Internal                | Electronics Lab<br>PCB Printing Equipment<br>Soldering Stations<br>Computers | PCB Design software | PCB materials |

**New Software/ Hardware Purchase Cost:**

PCB design Software Licence: In discussion with vendors to provide one-year free subscription (~ \$2000/year).

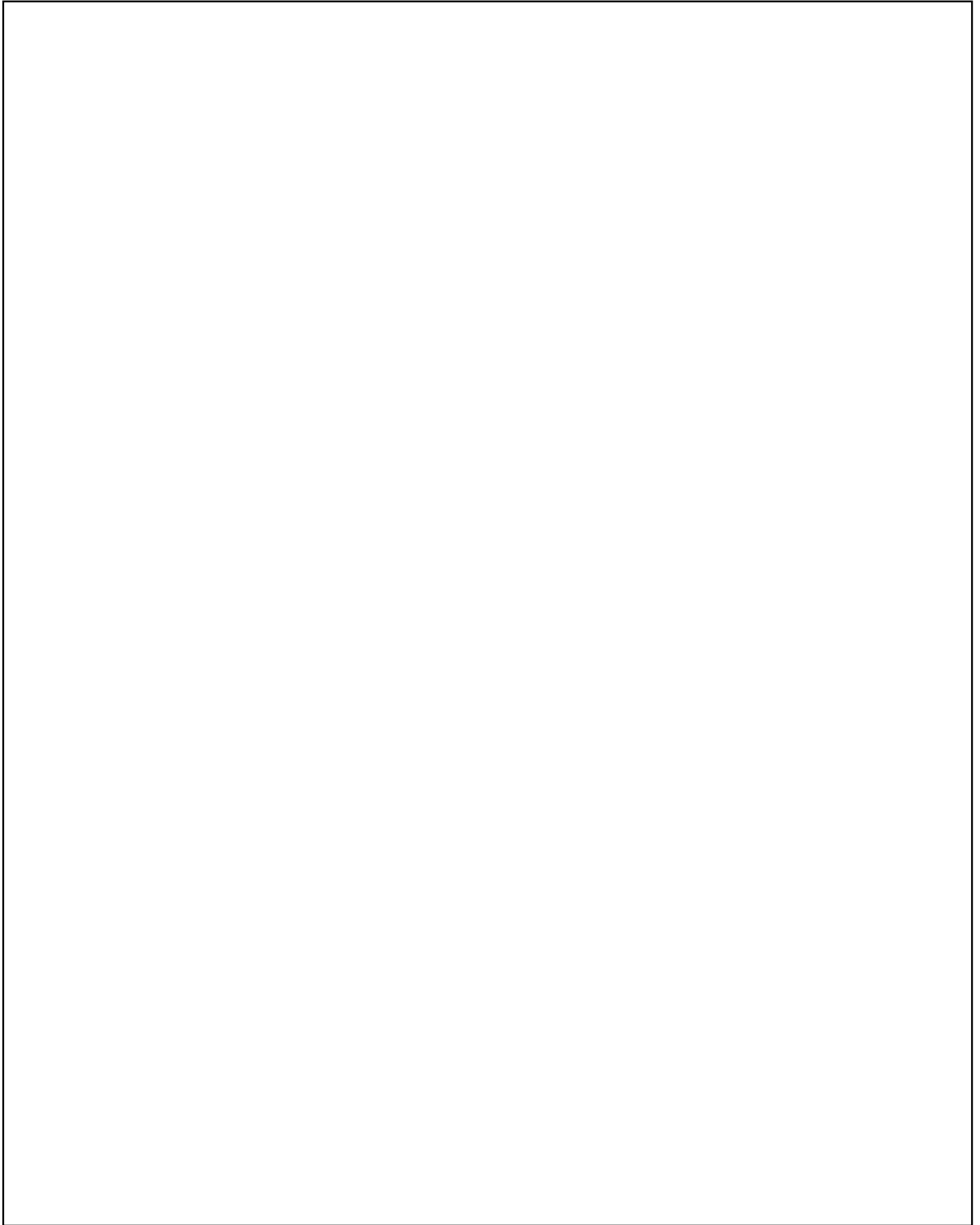
PCB Printing Machine: Voltera is ready to donate one unit (~\$5,000 per unit).

10. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) How are the trips funded?

Field trip will be done to one of the PCB manufacturing companies for better understanding of the manufacturing process.

11. Estimate of the typical costs for this course, including textbooks and other materials:

None.




**ORIGINAL COURSE IMPLEMENTATION DATE:** September 2020

**REVISED COURSE IMPLEMENTATION DATE:**
**COURSE TO BE REVIEWED** (six years after UEC approval): January 2026

**Course outline form version:** 05/18/2018

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                    |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|---------------------|--|-----------------------------|----|--------------------------------------------------------------|--|------------------------------|--|----------------------|--|--------------------|-----------|----------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> ELTR 110                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                             |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Course Full Title:</b> Electronics Manufacturing Processes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                    |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Course Short Title:</b><br>(Transcripts only display 30 characters. Departments may recommend a short title if one is needed. If left blank, one will be assigned.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                                                                                                                                                                                                                                                                                                                                    |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Faculty:</b> Faculty of Applied and Technical Studies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | <b>Department (or program if no department):</b> Electronics                                                                                                                                                                                                                                                                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Calendar Description:</b><br>Learn the basics of electronic manufacturing practices and techniques. Course topics include schematic capture, building component libraries, placing PCB components, generating manufacturing documents, and using electronic design automation tool. Gain knowledge about IPC standards and safe work place practices. Students will design, build, and assemble a PCB for an electronic project.                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                    |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | None.                                                                                                                                                                                                                                                                                                                              |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | None.                                                                                                                                                                                                                                                                                                                              |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | ELTR 100.                                                                                                                                                                                                                                                                                                                          |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Antirequisite Courses</b> (Cannot be taken for additional credit.)<br>Former course code/number:<br>Cross-listed with:<br>Dual-listed with:<br>Equivalent course(s):<br>(If offered in the previous five years, antirequisite course(s) will be included in the calendar description as a note that students with credit for the antirequisite course(s) cannot take this course for further credit.)                                                                                                                                                                                                                                                                          |           | <b>Special Topics</b> (Double-click on boxes to select.)<br>This course is offered with different topics:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (If yes, topic will be recorded when offered.)                                                                                                    |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | <b>Independent Study</b><br>If offered as an Independent Study course, this course may be repeated for further credit: (If yes, topic will be recorded.)<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit                                                  |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | <b>Transfer Credit</b><br>Transfer credit already exists: (See <a href="#">bctransferguide.ca</a> .)<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes<br>Submit outline for (re)articulation:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (If yes, fill in transfer credit form.) |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Typical Structure of Instructional Hours</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Lecture/seminar hours</td> <td style="text-align: center;">15</td> </tr> <tr> <td>Tutorials/workshops</td> <td></td> </tr> <tr> <td>Supervised laboratory hours</td> <td style="text-align: center;">30</td> </tr> <tr> <td>Experiential (field experience, practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Supervised online activities</td> <td></td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td style="text-align: right;"><b>Total hours</b></td> <td style="text-align: center;"><b>45</b></td> </tr> </table> |           | Lecture/seminar hours                                                                                                                                                                                                                                                                                                              | 15 | Tutorials/workshops |  | Supervised laboratory hours | 30 | Experiential (field experience, practicum, internship, etc.) |  | Supervised online activities |  | Other contact hours: |  | <b>Total hours</b> | <b>45</b> | <b>Grading System</b><br><input checked="" type="checkbox"/> Letter Grades <input type="checkbox"/> Credit/No Credit |  |
| Lecture/seminar hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 15        |                                                                                                                                                                                                                                                                                                                                    |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| Tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                    |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| Supervised laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 30        |                                                                                                                                                                                                                                                                                                                                    |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| Experiential (field experience, practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                    |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| Supervised online activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                    |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                                                                                                                                    |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Total hours</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>45</b> |                                                                                                                                                                                                                                                                                                                                    |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | <b>Maximum enrolment (for information only):</b> 36<br><b>Expected Frequency of Course Offerings:</b><br>Fall only (Every semester, Fall only, annually, etc.)                                                                                                                                                                     |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Department / Program Head or Director:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Date approved:</b> November 2019                                                                                                                                                                                                                                                                                                |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | <b>Date approved:</b> November 14, 2019                                                                                                                                                                                                                                                                                            |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Dean/Associate VP:</b> John English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | <b>Date approved:</b> November 14, 2019                                                                                                                                                                                                                                                                                            |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Date of posting:</b> January 17, 2020                                                                                                                                                                                                                                                                                           |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           | <b>Date of meeting:</b> January 31, 2020                                                                                                                                                                                                                                                                                           |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |

ELTR 110

University of the Fraser Valley Official Undergraduate Course Outline

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## Learning Outcomes

Upon successful completion of this course, students will be able to:

- List and apply the major steps in PCB design process beginning with the specifications of the desired end product.
- Use computer aided design to produce a printed circuit board layout for given/any schematic.
- Hand solder through hole and surface mount components on PCB.
- Adjust, align, replace or repair electronic circuit and assemblies.
- Identify and describe quality of PCB layout as per IPC standards: IPC-A-610, IPC 7711/7721.
- Apply general safe work practices when working with hazardous products.

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes      ☐ No, PLAR cannot be awarded for this course because

## Typical Instructional Methods *(Guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion.)*

Lecture, lab work, and field trip to the PCB manufacturing company.

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

## Typical Text(s) and Resource Materials *(If more space is required, download Supplemental Texts and Resource Materials form.)*

| Author (surname, initials) | Title (article, book, journal, etc.)          | Current ed.              | Publisher | Year |
|----------------------------|-----------------------------------------------|--------------------------|-----------|------|
| 1. No textbook required    | Worksheets and lecture notes will be provided |                          |           |      |
| 2.                         |                                               | <input type="checkbox"/> |           |      |
| 3.                         |                                               | <input type="checkbox"/> |           |      |
| 4.                         |                                               | <input type="checkbox"/> |           |      |
| 5.                         |                                               | <input type="checkbox"/> |           |      |

## Required Additional Supplies and Materials *(Software, hardware, tools, specialized clothing, etc.)*

PCB Design Software, PCB Printing Machine, Consumables

## Typical Evaluation Methods and Weighting

|                |              |                   |            |            |        |      |
|----------------|--------------|-------------------|------------|------------|--------|------|
| Final exam:    | Assignments: | Field experience: | 10%        | Portfolio: | %      |      |
| Midterm exam:  | Project:     | 50%               | Practicum: | %          | Other: | %    |
| Quizzes/tests: | Lab work:    | 40%               | Shop work: | %          | Total: | 100% |

## Details (if necessary):

## Typical Course Content and Topics

- Introduction to PCB design processes and tools
- Electrical and mechanical design parameters considerations
- Planning for design, fabrication, and assembly
- Manufacturing information and documentation
- PCB fabrication process-drilling, imaging, multilayer material, and processing
- PCB finishes and solderability
- PCB repair and rework
- Soldering repair and rework
- Acceptability and quality of fabricated and assembled boards

**Memo for New Course**

To: Faculty of Applied & Technical Studies Curriculum Committee

From: Kulwinderjeet Sivia, Trevor Murray

Date:

**Subject: ELTR 130 Digital Logic Systems Course**

**1. Rationale for new course:**

The Electronics Common Core (ECC) program will be re-designed in such a way that we are better positioned to attract students to the program, as well as prepare and support them for employment in the field. The concepts covered in ECC, while relevant, are covered to a degree that is excessive for what is required in second-year programs and in the industry. By reducing some of the depth in these topics, time can be spent on other topics which will provide a more diverse knowledge base.

Technology Accreditation Canada (TAC) delivers accreditation services for the engineering technology and applied science profession in Canada. As such, it is beneficial to design the program in compliance with the Technology Accreditation Canada (TAC), so that Graduates are fast tracked to professional Status by provincial professional regulators.

**2. How this new course fits into program(s):**

The new course will cover point (b), (c), (d) and (e) of the five core competencies required for second year options i.e. Automation & Robotics, and Digital Manufacturing. The core competencies required are:

- a) Demonstrate strong computer skills, including the ability to learn and use software applications on one's own, or with minimal guidance.
- b) Operate tools, equipment or technologies that are broadly used for the purposes of production, analysis, troubleshooting, or extending reach.
- c) Apply analytical reasoning skills to processes such as troubleshooting, synthesis, extrapolations and forecasting
- d) Employ fundamental arithmetical/mathematical skills working with basic quantities, formulas, graphs and charts in order to integrate parts and components into particular application.
- e) Formulate questions and solutions through a process of problem-solving that involves reasonably complex components.

**3. Explain how the course learning outcomes align with the learning outcomes of the program(s):**

This course is aligned with the learning outcomes of the program with objective of getting accreditation from TAC. Upon completion of this program, students will be able to meet ASTTBC Electronics Technologist Accreditation requirements. \*

This course meets majority of Learning Outcomes Indicators (LOI's) for one of the five Program Discipline Learning Outcomes (PDLO's) required.

**ELOTY02: Digital Circuits: Diagnose specify, select, design construct, and characterize digital circuits.**

**4. Will this course be required by any program beyond the discipline? If so, how will this course affect that program or programs?**

No, this is not required by any program beyond the discipline.

**5. Which program areas have been consulted about the course?**

Not any internal departments, however ASTTBC has been consulted

**From:** Charles Joyner [<mailto:cjoyner@asttbc.org>]  
**Sent:** September-13-19 2:01 PM  
**To:** Avner Bachar  
**Cc:** Jason Jung, ASCT  
**Subject:** Program Accreditation requirements

Hello Avner: Accreditation of technology education programs is done by Technology Accreditation Canada (TAC). The standards, criteria and process for accrediting a program are available on the TAC website <http://www.technologyaccreditation.ca/Landing> Perhaps the most informative document regarding the process is the National Program Accreditation Manual for Administrators. <http://www.technologyaccreditation.ca/National-Accreditation/Application> TAC is now at version 8 of the manual so be sure you use the most current manual when preparing for accreditation.

Regarding the general competencies or general learning outcomes, whatever standard is in place at the time you apply for accreditation should be the standard the audit team will apply to when conducting an audit. The general learning outcomes (GLO) for technicians are quite different from technologists. Be sure to review the indicators for the project coordination or project management learning outcome. For Technologist level programs a significant learning outcome is the Capstone Project technical report. That is GLO 01 for technologists.

Warmest regards, Charles



Charles Joyner, ASCT,  
 BEd, MA  
 Registrar  
 604.585.2788 ext 235



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**6. If a new discipline designation is required, explain why:**

Not applicable.

**7. What consideration has been given to indigenizing the curriculum?**

Not applicable.

8. If this course is not eligible for PLAR, explain why:

All the courses are eligible for PLAR.

9. Explain how each of the following will affect the budget for your area or any other area:

a. **Credit value:** No effect on budget.

b. **Class size limit:**

Lectures: Maximum of 36 Students (one section per course)

Labs: Maximum of 18 Students (two lab sections for each applicable course)

(See Financial Analysis)

c. **Frequency of offering** Once per year. No effect on budget.

d. **Resources required (labs, equipment)** No effect on budget.

|                           |                       | Instructional Resources | Lab                                                                                                                                |                                                       |                                                                                       |
|---------------------------|-----------------------|-------------------------|------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|---------------------------------------------------------------------------------------|
|                           | Course Name           |                         | Equipment / Facilities                                                                                                             | Software                                              | Consumable                                                                            |
| FIRST YEAR TERM 1 COURSES |                       |                         |                                                                                                                                    |                                                       |                                                                                       |
| ELTR 130                  | Digital Logic Systems | Internal                | Electronics Lab<br>Function generators, power supplies, oscilloscopes<br>Uno R3 Microcontrollers (Arduino compatible)<br>Computers | Arduino IDE<br>Logic simulation software (Zelio-Soft) | IC's (logic gates, registers, etc)<br>Passive components (resistors, capacitors, etc) |

10. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) How are the trips funded?

No

11. Estimate of the typical costs for this course, including textbooks and other materials:

Textbooks : \$85

Microcontroller kit: \$38.99



ORIGINAL COURSE IMPLEMENTATION DATE: September 2020  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED (six years after UEC approval): January 2026  
 Course outline form version: 05/18/2018

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

Note: The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                          |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                          |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|---------------------|--|-----------------------------|----|--------------------------------------------------------------|--|------------------------------|--|----------------------|--|--------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> ELTR 130                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                   |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Course Full Title:</b> Digital Logic Systems<br><b>Course Short Title:</b><br><i>(Transcripts only display 30 characters. Departments may recommend a short title if one is needed. If left blank, one will be assigned.)</i>                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                          |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Faculty:</b> Faculty of Applied and Technical Studies                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           | <b>Department (or program if no department):</b> Electronics                                                                                                                                                                                                                             |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Calendar Description:</b><br>Introduction to the basic concepts of binary signals. Learn different numbering systems and different methods of building basic logic circuits, combinational circuits, and sequential circuits.                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                          |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | Admission to the Electronics Technician certificate.                                                                                                                                                                                                                                     |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | NONE                                                                                                                                                                                                                                                                                     |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | NONE                                                                                                                                                                                                                                                                                     |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Antirequisite Courses</b> <i>(Cannot be taken for additional credit.)</i><br>Former course code/number:<br>Cross-listed with:<br>Dual-listed with:<br>Equivalent course(s):<br><i>(If offered in the previous five years, antirequisite course(s) will be included in the calendar description as a note that students with credit for the antirequisite course(s) cannot take this course for further credit.)</i>                                                                                             |           | <b>Special Topics</b> <i>(Double-click on boxes to select.)</i><br>This course is offered with different topics:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, topic will be recorded when offered.)</i>                                            |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                          |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Independent Study</b><br>If offered as an Independent Study course, this course may be repeated for further credit: <i>(If yes, topic will be recorded.)</i><br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Typical Structure of Instructional Hours</b> <table border="1"> <tr> <td>Lecture/seminar hours</td> <td>30</td> </tr> <tr> <td>Tutorials/workshops</td> <td></td> </tr> <tr> <td>Supervised laboratory hours</td> <td>15</td> </tr> <tr> <td>Experiential (field experience, practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Supervised online activities</td> <td></td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td><b>Total hours</b></td> <td><b>45</b></td> </tr> </table> |           | Lecture/seminar hours                                                                                                                                                                                                                                                                    | 30 | Tutorials/workshops |  | Supervised laboratory hours | 15 | Experiential (field experience, practicum, internship, etc.) |  | Supervised online activities |  | Other contact hours: |  | <b>Total hours</b> | <b>45</b> | <b>Transfer Credit</b><br>Transfer credit already exists: (See <a href="#">bctransferguide.ca</a> )<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes<br>Submit outline for (re)articulation:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, fill in transfer credit form.)</i> |  |
| Lecture/seminar hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 30        |                                                                                                                                                                                                                                                                                          |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                          |  |
| Tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                          |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                          |  |
| Supervised laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 15        |                                                                                                                                                                                                                                                                                          |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                          |  |
| Experiential (field experience, practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                          |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                          |  |
| Supervised online activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                          |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                          |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                          |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Total hours</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>45</b> |                                                                                                                                                                                                                                                                                          |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                          |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Grading System</b><br><input checked="" type="checkbox"/> Letter Grades <input type="checkbox"/> Credit/No Credit                                                                                                                                                                     |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                          |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Maximum enrolment (for information only):</b> 36<br><b>Expected Frequency of Course Offerings:</b><br>Fall only <i>(Every semester, Fall only, annually, etc.)</i>                                                                                                                    |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Department / Program Head or Director:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | <b>Date approved:</b> November 2019                                                                                                                                                                                                                                                      |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Date approved:</b> November 14, 2019                                                                                                                                                                                                                                                  |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Dean/Associate VP:</b> John English                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Date approved:</b> November 14, 2019                                                                                                                                                                                                                                                  |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           | <b>Date of posting:</b> January 17, 2020                                                                                                                                                                                                                                                 |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | <b>Date of meeting:</b> January 31, 2020                                                                                                                                                                                                                                                 |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                          |  |

ELTR 130

University of the Fraser Valley Official Undergraduate Course Outline

Page 1 of 2

## Learning Outcomes

Upon successful completion of this course, students will be able to:

- Identify and convert the numbering systems (decimal, binary, octal, hexadecimal).
- Describe and apply Boolean operators and gates (OR, AND, NOT, NAND, NOR, XOR).
- Recognize, construct, and analyze basic combinational logic circuits.
- Recognize the role of binary numbers and Boolean logic in computer systems.
- Explain the function and application of latches, flip-flops, and timers.
- Explain the function and application of shift-registers and counters.
- Construct, analyze, and test basic 555 Timer circuits in monostable and astable modes.
- Construct, analyze, and test basic combinational logic circuits.
- List and define the basic functions and types of memory.
- Solve basic Boolean algebra problems.

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes      ☐ No, PLAR cannot be awarded for this course because

## Typical Instructional Methods *(Guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion.)*

Lecture and lab work.

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

## Typical Text(s) and Resource Materials *(If more space is required, download Supplemental Texts and Resource Materials form.)*

| Author (surname, initials) | Title (article, book, journal, etc.) | Current ed.                         | Publisher | Year |
|----------------------------|--------------------------------------|-------------------------------------|-----------|------|
| 1. Thomas L. Floyd         | Digital Fundamentals                 | <input checked="" type="checkbox"/> | Pearson   | 2015 |
| 2.                         |                                      | <input type="checkbox"/>            |           |      |
| 3.                         |                                      | <input type="checkbox"/>            |           |      |
| 4.                         |                                      | <input type="checkbox"/>            |           |      |
| 5.                         |                                      | <input type="checkbox"/>            |           |      |

## Required Additional Supplies and Materials *(Software, hardware, tools, specialized clothing, etc.)*

## Typical Evaluation Methods and Weighting

|                |     |              |     |                   |   |            |      |
|----------------|-----|--------------|-----|-------------------|---|------------|------|
| Final exam:    | 40% | Assignments: | 5%  | Field experience: |   | Portfolio: | %    |
| Midterm exam:  | 25% | Project:     |     | Practicum:        | % | Other:     | %    |
| Quizzes/tests: | 5%  | Lab work:    | 25% | Shop work:        | % | Total:     | 100% |

## Details (if necessary):

## Typical Course Content and Topics

- Numbering systems: binary, hexadecimal, grey code.
- Logic gates: AND, OR, NAND, NOR, XOR, NOT.
- Boolean algebra.
- Combinational logic analysis and functions.
- Latches, flip-flops, timers, shift registers, counters.
- Microcontrollers and microprocessors.

**Memo for Minor Change**

To: Faculty of Applied & Technical Studies Curriculum Committee

From: Kulwinderjeet Sivia, Trevor Murray

Date:

**Subject: Proposal for change is the course number code from “ELTR 200: Technical Drafting and AutoCAD Applications” to “ELTR 140: Introduction to Engineering Graphics”**

**1. Rationale for new course:**

The concepts covered in Electronics Common Core (ECC), while relevant, are covered to a degree that is excessive for what is required in second-year programs and in the industry. By reducing some of the depth in these topics, time can be spent on other topics which will provide a more diverse knowledge base. The new courses in the first year will cover all the core competencies required for second year options. Three courses are moved from the second year to the first year, ELTR 200 (Introduction to Engineering Graphics) is one out of three.

As the course is moved from second year to first year, therefore the course number code need to be changed from ELTR200 to ELTR 140 to match the course code classification criterion of first year courses


**ORIGINAL COURSE IMPLEMENTATION DATE:** September 2020

**REVISED COURSE IMPLEMENTATION DATE:**
**COURSE TO BE REVIEWED** (six years after UEC approval): January 2026

**Course outline form version:** 05/18/2018

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                    |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|---------------------|--|-----------------------------|----|--------------------------------------------------------------|--|------------------------------|--|----------------------|--|--------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> ELTR 140                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                    |  |
| <b>Course Full Title:</b> Introduction to Engineering Graphics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                    |  |
| <b>Course Short Title:</b><br>(Transcripts only display 30 characters. Departments may recommend a short title if one is needed. If left blank, one will be assigned.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                    |  |
| <b>Faculty:</b> Faculty of Applied and Technical Studies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           | <b>Department (or program if no department):</b> Electronics                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                    |  |
| <b>Calendar Description:</b><br>Learn AutoCAD drafting principles. Exposure to CAD in industry, technical representation methods. Auto CAD file management, drawing, and editing objects. Introduction to drafting tools used to build accurate visual representations. Students will create industry AutoCAD files with precision and confidence.<br><br>Note: Students with credit for ELTR 200 cannot take this course for further credit.                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                    |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | None.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                    |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | None.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                    |  |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | ELTR 100.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                    |  |
| <b>Antirequisite Courses</b> (Cannot be taken for additional credit.)<br>Former course code/number: <b>ELTR 200</b><br>Cross-listed with:<br>Dual-listed with:<br>Equivalent course(s):<br>(If offered in the previous five years, antirequisite course(s) will be included in the calendar description as a note that students with credit for the antirequisite course(s) cannot take this course for further credit.)                                                                                                                                                                                                                                                                           |           | <b>Special Topics</b> (Double-click on boxes to select.)<br>This course is offered with different topics:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (If yes, topic will be recorded when offered.)<br><br><b>Independent Study</b><br>If offered as an Independent Study course, this course may be repeated for further credit: (If yes, topic will be recorded.)<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                    |  |
| <b>Typical Structure of Instructional Hours</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr> <td>Lecture/seminar hours</td> <td style="text-align: center;">15</td> </tr> <tr> <td>Tutorials/workshops</td> <td></td> </tr> <tr> <td>Supervised laboratory hours</td> <td style="text-align: center;">30</td> </tr> <tr> <td>Experiential (field experience, practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Supervised online activities</td> <td></td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td style="text-align: right;"><b>Total hours</b></td> <td style="text-align: center;"><b>45</b></td> </tr> </table> |           | Lecture/seminar hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 15 | Tutorials/workshops |  | Supervised laboratory hours | 30 | Experiential (field experience, practicum, internship, etc.) |  | Supervised online activities |  | Other contact hours: |  | <b>Total hours</b> | <b>45</b> | <b>Transfer Credit</b><br>Transfer credit already exists: (See <a href="#">bctransferguide.ca</a> .)<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes<br>Submit outline for (re)articulation:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (If yes, fill in transfer credit form.) |  |
| Lecture/seminar hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 15        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                    |  |
| Tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                    |  |
| Supervised laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 30        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                    |  |
| Experiential (field experience, practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                    |  |
| Supervised online activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                    |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                    |  |
| <b>Total hours</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>45</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Grading System</b><br><input checked="" type="checkbox"/> Letter Grades <input type="checkbox"/> Credit/No Credit                                                                                                                                                                                                                                                                                                                                                                                                     |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Maximum enrolment (for information only):</b> 36<br><b>Expected Frequency of Course Offerings:</b><br>Fall only (Every semester, Fall only, annually, etc.)                                                                                                                                                                                                                                                                                                                                                           |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                    |  |
| <b>Department / Program Head or Director:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | <b>Date approved:</b> November 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                    |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Date approved:</b> November 14, 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                    |  |
| <b>Dean/Associate VP:</b> John English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Date approved:</b> November 14, 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                    |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           | <b>Date of posting:</b> January 17, 2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                    |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | <b>Date of meeting:</b> January 31, 2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                    |  |

ELTR 140

University of the Fraser Valley Official Undergraduate Course Outline

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## Learning Outcomes

Upon successful completion of this course, students will be able to:

- Produce drawings, sketches, graphs and charts using manual drafting methods.
- Prepare schematics layouts, circuits and modify drawings and diagrams using widely used CAD software.
- Interpret specifications, blueprints, designs, assembly drawings, sketches, and graphics.
- Demonstrate competency in drafting principles in plane geometry, technical sketching, orthographic projection theory and practice, auxiliary views, and competency in sectioning, dimensioning, and tolerance.
- Implement dimensioning and annotating an object for production.
- Demonstrate the ability to properly complete a working engineering drawing following acceptable ANSI standards, presented with clarity, completeness, and accuracy, and ready to release for production.

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes      ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods** (*Guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion.*)

Lecture and lab work.

**NOTE:** The following sections may vary by instructor. Please see course syllabus available from the instructor.

## Typical Text(s) and Resource Materials (*If more space is required, download Supplemental Texts and Resource Materials form.*)

| Author (surname, initials) | Title (article, book, journal, etc.)      | Current ed.                         | Publisher | Year |
|----------------------------|-------------------------------------------|-------------------------------------|-----------|------|
| 1. Omura, G.               | Mastering AutoCAD 2013 and AutoCAD LT2013 | <input checked="" type="checkbox"/> | Sybex     | 2012 |
| 2.                         |                                           | <input type="checkbox"/>            |           |      |
| 3.                         |                                           | <input type="checkbox"/>            |           |      |
| 4.                         |                                           | <input type="checkbox"/>            |           |      |
| 5.                         |                                           | <input type="checkbox"/>            |           |      |

## Required Additional Supplies and Materials (*Software, hardware, tools, specialized clothing, etc.*)

## Typical Evaluation Methods and Weighting

|                |     |              |     |                   |   |            |      |
|----------------|-----|--------------|-----|-------------------|---|------------|------|
| Final exam:    | 50% | Assignments: | 25% | Field experience: |   | Portfolio: | %    |
| Midterm exam:  | %   | Project:     |     | Practicum:        | % | Other:     | %    |
| Quizzes/tests: | %   | Lab work:    | 25% | Shop work:        | % | Total:     | 100% |

## Details (if necessary):

## Typical Course Content and Topics

- AutoCAD basics
  - Exploring the interface
  - Setting up and using the drafting tools
  - Organizing objects with blocks and groups
- Mastering intermediate skills
  - Editing and reusing data to work efficiently
  - Mastering viewing tools, hatches, and external references
  - Understanding plot styles
  - Adding text to drawings, using fields and tables, using dimensions
- Mastering selected advanced skills
  - Using attributes
  - Copying existing drawings from other sources
  - Advanced editing and organizing
  - Getting and exchanging data from drawings
- Basic 3D modeling and imaging
  - Creating 3D drawings
  - Rendering 3D drawings
- Customization and integration 955
  - Customizing toolbars, menus, line-types, and hatch patterns
  - Managing and sharing drawings

**Memo for New Course**

To: Faculty of Applied & Technical Studies Curriculum Committee

From: Kulwinderjeet Sivia, Trevor Murray

Date:

**Subject: ELTR 150 Solid State Electronic Devices**

**1. Rationale for new course:**

The Electronics Common Core (ECC) program will be re-designed in such a way that we are better positioned to attract students to the program, as well as prepare and support them for employment in the field. The concepts covered in ECC, while relevant, are covered to a degree that is excessive for what is required in second-year programs and in the industry. By reducing some of the depth in these topics, time can be spent on other topics which will provide a more diverse knowledge base.

Technology Accreditation Canada (TAC) delivers accreditation services for the engineering technology and applied science profession in Canada. As such, it is beneficial to design the program in compliance with the Technology Accreditation Canada (TAC), so that Graduates are fast tracked to professional Status by provincial professional regulators.

**2. How this new course fits into program(s):**

The new course will cover point (b), (c), (d) and (e) of the five core competencies required for second year options i.e. Automation & Robotics, and Digital Manufacturing. The core competencies required are:

- a) Demonstrate strong computer skills, including the ability to learn and use software applications on one's own, or with minimal guidance.
- b) Operate tools, equipment or technologies that are broadly used for the purposes of production, analysis, troubleshooting, or extending reach.
- c) Apply analytical reasoning skills to processes such as troubleshooting, synthesis, extrapolations and forecasting.
- d) Employ fundamental arithmetical/mathematical skills working with basic quantities, formulas, graphs and charts in order to integrate parts and components into particular application.
- e) Formulate questions and solutions through a process of problem-solving that involves reasonably complex components.

**3. Explain how the course learning outcomes align with the learning outcomes of the program(s):**

This course is aligned with the learning outcomes of the program with objective of getting accreditation from TAC. Upon completion of this program, students will be able to meet ASTTBC Electronics Technologist Accreditation requirements. \*

This course meets majority of Learning Outcomes Indicators (LOI's) for one of the five Program Discipline Learning Outcomes (PDLO's) required and one of the eight General Program Learning Outcomes (GPLO's).

**ELOTY01: Analog Circuits: Diagnose, specify, select, design, and, construct DC and AC analog circuits.**

**GY04: Physical and Natural Science: Solve technical problems applying the principles of physical and natural science.**

**4. Will this course be required by any program beyond the discipline? If so, how will this course affect that program or programs?**

No, this is not required by any program beyond the discipline.

**5. Which program areas have been consulted about the course?**

Not any internal departments, however ASTTBC has been consulted.

**From:** Charles Joyner [<mailto:cjoyner@asttbc.org>]  
**Sent:** September-13-19 2:01 PM  
**To:** Avner Bachar  
**Cc:** Jason Jung, ASCT  
**Subject:** Program Accreditation requirements

Hello Avner: Accreditation of technology education programs is done by Technology Accreditation Canada (TAC). The standards, criteria and process for accrediting a program are available on the TAC website <http://www.technologyaccreditation.ca/Landing> Perhaps the most informative document regarding the process is the National Program Accreditation Manual for Administrators. <http://www.technologyaccreditation.ca/National-Accreditation/Application> TAC is now at version 8 of the manual so be sure you use the most current manual when preparing for accreditation.

Regarding the general competencies or general learning outcomes, whatever standard is in place at the time you apply for accreditation should be the standard the audit team will apply to when conducting an audit. The general learning outcomes (GLO) for technicians are quite different from technologists. Be sure to review the indicators for the project coordination or project management learning outcome. For Technologist level programs a significant learning outcome is the Capstone Project technical report. That is GLO 01 for technologists.

Warmest regards, Charles



Charles Joyner, ASCT,  
 BEd, MA  
 Registrar  
 604.585.2788 ext 235



This e-mail and any attachments may contain information that is privileged, confidential, or otherwise exempt from disclosure under applicable laws and is intended only for the named recipients. If you have received this email in error, please notify the sender and destroy the email.

**6. If a new discipline designation is required, explain why:**

Not applicable.

7. What consideration has been given to indigenizing the curriculum?

Not applicable.

8. If this course is not eligible for PLAR, explain why:

All the courses are eligible for PLAR.

9. Explain how each of the following will affect the budget for your area or any other area:

a. **Credit value:** No effect on budget.

b. **Class size limit:**

Lectures: Maximum of 36 Students (one section per course)

Labs: Maximum of 18 Students (two lab sections for each applicable course)

(See financial analysis)

c. **Frequency of offering** Once per year. No effect on budget.

d. **Resources required (labs, equipment)** No effect on budget.

|                           |                         | Instructional Resources | Lab                                          |                                         |                                 |
|---------------------------|-------------------------|-------------------------|----------------------------------------------|-----------------------------------------|---------------------------------|
|                           | Course Name             |                         | Equipment / Facilities                       | Software                                | Consumable                      |
| FIRST YEAR TERM 1 COURSES |                         |                         |                                              |                                         |                                 |
| ELTR 150                  | Solid State Electronics | Internal                | Electronics Lab<br>Logic probes<br>Computers | Circuit Analysis<br>Software (MultiSim) | Resistors, capacitors, ICs, etc |

10. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) How are the trips funded?

No

11. Estimate of the typical costs for this course, including textbooks and other materials:

Textbooks : \$74.99


**ORIGINAL COURSE IMPLEMENTATION DATE:** September 2020

**REVISED COURSE IMPLEMENTATION DATE:**
**COURSE TO BE REVIEWED** (six years after UEC approval): January 2026

**Course outline form version: 05/18/2018**

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note: The University reserves the right to amend course outlines as needed without notice.**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |                                                                                                                                                                                                                                 |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                   |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|---------------------|--|-----------------------------|----|--------------------------------------------------------------|--|------------------------------|--|----------------------|--|--------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> ELTR 150                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                          |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                   |  |
| <b>Course Full Title:</b> Solid State Electronic Devices                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                 |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                   |  |
| <b>Course Short Title:</b><br>(Transcripts only display 30 characters. Departments may recommend a short title if one is needed. If left blank, one will be assigned.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                 |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                   |  |
| <b>Faculty:</b> Faculty of Applied and Technical Studies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | <b>Department (or program if no department):</b> Electronics                                                                                                                                                                    |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                   |  |
| <b>Calendar Description:</b><br>Learn about semiconductor devices and their applications. The course explains how electronic circuits work and how to analyze, design, modify, and combine them to perform complex functions. Students will analyze and design common operational amplifier (op-amp) circuits and examine the op-amps non-ideal characteristics in terms of circuit performance.                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                 |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                   |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | None.                                                                                                                                                                                                                           |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                   |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | None.                                                                                                                                                                                                                           |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                   |  |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | ELTR 100.                                                                                                                                                                                                                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                   |  |
| <b>Antirequisite Courses</b> (Cannot be taken for additional credit.)<br>Former course code/number:<br>Cross-listed with:<br>Dual-listed with:<br>Equivalent course(s):<br><i>(If offered in the previous five years, antirequisite course(s) will be included in the calendar description as a note that students with credit for the antirequisite course(s) cannot take this course for further credit.)</i>                                                                                                                                                                                                                                        |           | <b>Special Topics</b> (Double-click on boxes to select.)<br>This course is offered with different topics:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (If yes, topic will be recorded when offered.) |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                   |  |
| <b>Typical Structure of Instructional Hours</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Lecture/seminar hours</td> <td style="text-align: center;">30</td> </tr> <tr> <td>Tutorials/workshops</td> <td></td> </tr> <tr> <td>Supervised laboratory hours</td> <td style="text-align: center;">15</td> </tr> <tr> <td>Experiential (field experience, practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Supervised online activities</td> <td></td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td><b>Total hours</b></td> <td style="text-align: center;"><b>45</b></td> </tr> </table> |           | Lecture/seminar hours                                                                                                                                                                                                           | 30 | Tutorials/workshops |  | Supervised laboratory hours | 15 | Experiential (field experience, practicum, internship, etc.) |  | Supervised online activities |  | Other contact hours: |  | <b>Total hours</b> | <b>45</b> | <b>Independent Study</b><br>If offered as an Independent Study course, this course may be repeated for further credit: (If yes, topic will be recorded.)<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | Lecture/seminar hours                                                                                                                                                                                                           | 30 |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | Tutorials/workshops                                                                                                                                                                                                             |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | Supervised laboratory hours                                                                                                                                                                                                     | 15 |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                   |  |
| Experiential (field experience, practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |                                                                                                                                                                                                                                 |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                   |  |
| Supervised online activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |                                                                                                                                                                                                                                 |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                   |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                 |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                   |  |
| <b>Total hours</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>45</b> |                                                                                                                                                                                                                                 |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                   |  |
| <b>Transfer Credit</b><br>Transfer credit already exists: (See <a href="http://bctransferguide.ca">bctransferguide.ca</a> .)<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes<br>Submit outline for (re)articulation:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (If yes, fill in transfer credit form.)                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                 |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                   |  |
| <b>Grading System</b><br><input checked="" type="checkbox"/> Letter Grades <input type="checkbox"/> Credit/No Credit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                 |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                   |  |
| <b>Maximum enrolment (for information only):</b> 36<br><b>Expected Frequency of Course Offerings:</b><br>Winter only (Every semester, Fall only, annually, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                 |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                   |  |
| <b>Department / Program Head or Director:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | <b>Date approved:</b> November 2019                                                                                                                                                                                             |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                   |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | <b>Date approved:</b> November 14, 2019                                                                                                                                                                                         |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                   |  |
| <b>Dean/Associate VP:</b> John English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | <b>Date approved:</b> November 14, 2019                                                                                                                                                                                         |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                   |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | <b>Date of posting:</b> January 17, 2020                                                                                                                                                                                        |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                   |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | <b>Date of meeting:</b> January 31, 2020                                                                                                                                                                                        |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                   |  |

**ELTR 150**

**University of the Fraser Valley Official Undergraduate Course Outline**

Page 1 of 2

**Learning Outcomes**

Upon successful completion of this course, students will be able to:

- Describe and analyze the electrical characteristics of diodes, BJT, JFET and MOSFET.
- Analyze the different Transistor biasing techniques and calculate bias voltages and currents in a simple circuit with one transistor.
- Analyze BJT/ MOSFET both as amplifier and switch.
- Describe and measure important specifications of op-amps.
- Analyze the frequency response of amplifiers using common test equipment.
- Analyze positive and negative feedback with operational amplifiers and other circuits.
- Design and test Regulated power supply circuit.
- Explain the design and application of active filters.

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes      ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods** (*Guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion.*)

Lecture and lab work.

**NOTE:** The following sections may vary by instructor. Please see course syllabus available from the instructor.

**Typical Text(s) and Resource Materials** (*If more space is required, download Supplemental Texts and Resource Materials form.*)

| Author (surname, initials) | Title (article, book, journal, etc.)       | Current ed.                         | Publisher         | Year |
|----------------------------|--------------------------------------------|-------------------------------------|-------------------|------|
| 1. Thomas L. Floyd         | Electronic Devices (Electron flow version) | <input checked="" type="checkbox"/> | Pearson Education | 2015 |
| 2.                         |                                            | <input type="checkbox"/>            |                   |      |
| 3.                         |                                            | <input type="checkbox"/>            |                   |      |
| 4.                         |                                            | <input type="checkbox"/>            |                   |      |
| 5.                         |                                            | <input type="checkbox"/>            |                   |      |

**Required Additional Supplies and Materials** (*Software, hardware, tools, specialized clothing, etc.*)

**Typical Evaluation Methods and Weighting**

|                |     |              |     |                   |   |            |      |
|----------------|-----|--------------|-----|-------------------|---|------------|------|
| Final exam:    | 40% | Assignments: | 10% | Field experience: |   | Portfolio: | %    |
| Midterm exam:  | 20% | Project:     |     | Practicum:        | % | Other:     | %    |
| Quizzes/tests: | %   | Lab work:    | 30% | Shop work:        | % | Total:     | 100% |

**Details (if necessary):**

**Typical Course Content and Topics**

- Semiconductors
- Diodes, diode applications, special action diodes, diode biasing.
- Bipolar Junction Transistors (BJTs), transistor biasing.
- BJT amplifiers, BJT power mplifiers, multistage amplifiers, differential amplifier.
- Field Effect Transistors (FETs), FET amplifiers, amplifier frequency response.
- Thyristors, silicon-controlled rectifiers, diacs, triacs, unijunction transistors.
- Operational amplifiers, op-amp circuits.
- Active filters, oscillators, voltage regulators.

**Memo for New Course**

To: Faculty of Applied & Technical Studies Curriculum Committee

From: Kulwinderjeet Sivia, Trevor Murray

Date:

**Subject: ELTR 160 Project Management**

**1. Rationale for new course:**

The Electronics Common Core (ECC) program will be re-designed in such a way that we are better positioned to attract students to the program, as well as prepare and support them for employment in the field. The concepts covered in ECC, while relevant, are covered to a degree that is excessive for what is required in second-year programs and in the industry. By reducing some of the depth in these topics, time can be spent on other topics which will provide a more diverse knowledge base.

Technology Accreditation Canada (TAC) delivers accreditation services for the engineering technology and applied science profession in Canada. As such, it is beneficial to design the program in compliance with the Technology Accreditation Canada (TAC), so that Graduates are fast tracked to professional Status by provincial professional regulators.

**2. How this new course fits into program(s):**

The new course will cover point (a), (b) and (c) of the five core competencies required for second year options i.e. Automation & Robotics, and Digital Manufacturing. The core competencies required are:

- a) Demonstrate strong computer skills, including the ability to learn and use software applications on one's own, or with minimal guidance.
- b) Operate tools, equipment or technologies that are broadly used for the purposes of production, analysis, troubleshooting, or extending reach.
- c) Apply analytical reasoning skills to processes such as troubleshooting, synthesis, extrapolations and forecasting.
- d) Employ fundamental arithmetical/mathematical skills working with basic quantities, formulas, graphs and charts in order to integrate parts and components into particular application.
- e) Formulate questions and solutions through a process of problem-solving that involves reasonably complex components.

3. Explain how the course learning outcomes align with the learning outcomes of the program(s):

This course is aligned with the learning outcomes of the program with objective of getting accreditation from TAC. Upon completion of this program, students will be able to meet ASTTBC Electronics Technologist Accreditation requirements. \*

This course meets majority of Learning Outcomes Indicators (LOI's) for one of the eight General Program Learning Outcomes (GPLO's).

**GY03: Project Management: Select and apply current industry practices of project management and business principles.**

4. Will this course be required by any program beyond the discipline? If so, how will this course affect that program or programs?

No, this is not required by any program beyond the discipline.

5. Which program areas have been consulted about the course?

Not any internal departments, however ASTTBC has been consulted.

**From:** Charles Joyner [<mailto:cjoyner@asttbc.org>]  
**Sent:** September-13-19 2:01 PM  
**To:** Avner Bachar  
**Cc:** Jason Jung, ASCT  
**Subject:** Program Accreditation requirements

Hello Avner: Accreditation of technology education programs is done by Technology Accreditation Canada (TAC). The standards, criteria and process for accrediting a program are available on the TAC website <http://www.technologyaccreditation.ca/Landing>. Perhaps the most informative document regarding the process is the National Program Accreditation Manual for Administrators. <http://www.technologyaccreditation.ca/National-Accreditation/Application>. TAC is now at version 8 of the manual so be sure you use the most current manual when preparing for accreditation.

Regarding the general competencies or general learning outcomes, whatever standard is in place at the time you apply for accreditation should be the standard the audit team will apply to when conducting an audit. The general learning outcomes (GLO) for technicians are quite different from technologists. Be sure to review the indicators for the project coordination or project management learning outcome. For Technologist level programs a significant learning outcome is the Capstone Project technical report. That is GLO 01 for technologists.

Warmest regards, Charles



Charles Joyner, ASCT,  
BEd, MA  
Registrar  
604.585.2788 ext 235



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6. If a new discipline designation is required, explain why:

Not applicable.

7. What consideration has been given to indigenizing the curriculum?

Not applicable.

8. If this course is not eligible for PLAR, explain why:

All the courses are eligible for PLAR.

9. Explain how each of the following will affect the budget for your area or any other area:

a. **Credit value:** No effect on budget.

b. **Class size limit:**

Lectures: Maximum of 36 Students (one section per course)

(See financial analysis)

c. **Frequency of offering** Once per year. No effect on budget.

d. **Resources required (labs, equipment)** No effect on budget.

|                           |                                                    | Instructional Resources | Lab                    |                                                        |            |
|---------------------------|----------------------------------------------------|-------------------------|------------------------|--------------------------------------------------------|------------|
|                           | Course Name                                        |                         | Equipment / Facilities | Software                                               | Consumable |
| FIRST YEAR TERM 1 COURSES |                                                    |                         |                        |                                                        |            |
| ELTR 160                  | Project Structure and Implications for Electronics | Internal                | Any computer lab       | Project management software (Jira, Trello, SmartSheet) |            |

10. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) How are the trips funded?

No

11. Estimate of the typical costs for this course, including textbooks and other materials:

No textbook is required.


**ORIGINAL COURSE IMPLEMENTATION DATE:** September 2020

**REVISED COURSE IMPLEMENTATION DATE:**
**COURSE TO BE REVIEWED** (six years after UEC approval): January 2026

**Course outline form version:** 05/18/2018

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                       |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----|---------------------|--|-----------------------------|--|--------------------------------------------------------------|--|------------------------------|--|----------------------|--|--------------------|-----------|
| <b>Course Code and Number:</b> ELTR 160                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                       |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Course Full Title:</b> Project Management Methodologies and Impacts for Electronics<br><b>Course Short Title:</b> Project Management for Electronics<br><i>(Transcripts only display 30 characters. Departments may recommend a short title if one is needed. If left blank, one will be assigned.)</i>                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                       |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Faculty:</b> Faculty of Applied and Technical Studies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Department (or program if no department):</b> Electronics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                       |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Calendar Description:</b><br>Learn about different project management frameworks as they relate to electronics projects. Get familiar with different project management software and understand the key elements and impacts of a project as well as primary methods to control changes to these elements. Explore the ways in which projects can be impacted by, and have an impact on, external entities.<br><br>Note: Students with credit for ELTR 210 cannot take this course for further credit.                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                       |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ELTR 100 and ELTR 130.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                       |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                       |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ELTR 150.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Antirequisite Courses</b> <i>(Cannot be taken for additional credit.)</i><br>Former course code/number: <b>ELTR 210</b><br>Cross-listed with:<br>Dual-listed with:<br>Equivalent course(s):<br><i>(If offered in the previous five years, antirequisite course(s) will be included in the calendar description as a note that students with credit for the antirequisite course(s) cannot take this course for further credit.)</i>                                                                                                                                                                                                                                              | <b>Special Topics</b> <i>(Double-click on boxes to select.)</i><br>This course is offered with different topics:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, topic will be recorded when offered.)</i><br><br><b>Independent Study</b><br>If offered as an Independent Study course, this course may be repeated for further credit: <i>(If yes, topic will be recorded.)</i><br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><br><b>Transfer Credit</b><br>Transfer credit already exists: <i>(See <a href="http://bctransferguide.ca">bctransferguide.ca</a>.)</i><br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes<br>Submit outline for (re)articulation:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, fill in transfer credit form.)</i><br><br><b>Grading System</b><br><input checked="" type="checkbox"/> Letter Grades <input type="checkbox"/> Credit/No Credit<br><br><b>Maximum enrolment (for information only):</b> 36<br><b>Expected Frequency of Course Offerings:</b><br>Winter only <i>(Every semester, Fall only, annually, etc.)</i> |                       |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Typical Structure of Instructional Hours</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">Lecture/seminar hours</td> <td style="width: 20%; text-align: center;">45</td> </tr> <tr> <td>Tutorials/workshops</td> <td></td> </tr> <tr> <td>Supervised laboratory hours</td> <td></td> </tr> <tr> <td>Experiential (field experience, practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Supervised online activities</td> <td></td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td style="text-align: right;"><b>Total hours</b></td> <td style="text-align: center;"><b>45</b></td> </tr> </table> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Lecture/seminar hours | 45 | Tutorials/workshops |  | Supervised laboratory hours |  | Experiential (field experience, practicum, internship, etc.) |  | Supervised online activities |  | Other contact hours: |  | <b>Total hours</b> | <b>45</b> |
| Lecture/seminar hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 45                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| Tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                       |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| Supervised laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                       |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| Experiential (field experience, practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                       |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| Supervised online activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                       |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                       |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Total hours</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>45</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| Labs to be scheduled independent of lecture hours: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                       |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Department / Program Head or Director:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Date approved:</b> November 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                       |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Date approved:</b> November 14, 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                       |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Dean/Associate VP:</b> John English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Date approved:</b> November 14, 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                       |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Date of posting:</b> January 17, 2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Date of meeting:</b> January 31, 2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |

## Learning Outcomes

Upon successful completion of this course, students will be able to:

- Describe and apply common project management frameworks (PMI, Agile, Scrum).
- Define and apply concepts of quality assurance, continuous improvement and problem solving as it relates to electronics projects.
- Identify and examine ethical considerations as they relate to electronics projects (labour, safety, environmental, sustainability, social responsibility, ethnic/racial/cultural diversity, confidentiality/privacy, fiscal responsibility).
- List and explain the typical primary participants of a project (project manager, sponsor, stakeholder, project team member).
- Navigate and use the basic structure of project management software (Jira, Trello, SmartSheets).
- Illustrate and document project activities, tasks and reports; navigate key project documents (Gantt charts, project plan, work report).
- Develop a project charter, project plan, and project schedule.
- Recognize and discuss the relationship between time, cost and quality.
- Identify the key elements of a project (objectives, scope, risks, constraints, metrics, stakeholders, team composition, schedule, budget, integration, quality) and primary methods to control changes to these elements.
- Describe the difference between process groups (initiating, planning, executing, monitoring/controlling, closing) and project phases (discrete project modules).
- Discuss the ASTTBC Code of Ethics and its purpose as it relates to electronics projects.
- Discuss the concepts of legal and professional accountability and their relationship to basic contracts, patents, trademarks, and intellectual property associated with electronics and electrical engineering.

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes      ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods** (*Guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion.*)  
Lecture only.

**NOTE:** The following sections may vary by instructor. Please see course syllabus available from the instructor.

## Typical Text(s) and Resource Materials (*If more space is required, download Supplemental Texts and Resource Materials form.*)

| Author (surname, initials) | Title (article, book, journal, etc.)          | Current ed.              | Publisher | Year |
|----------------------------|-----------------------------------------------|--------------------------|-----------|------|
| 1. No textbook required    | Worksheets and lecture notes will be provided | <input type="checkbox"/> |           |      |
| 2.                         |                                               | <input type="checkbox"/> |           |      |
| 3.                         |                                               | <input type="checkbox"/> |           |      |
| 4.                         |                                               | <input type="checkbox"/> |           |      |
| 5.                         |                                               | <input type="checkbox"/> |           |      |

## Required Additional Supplies and Materials (*Software, hardware, tools, specialized clothing, etc.*)

### Typical Evaluation Methods and Weighting

|                |     |              |     |                   |   |            |      |
|----------------|-----|--------------|-----|-------------------|---|------------|------|
| Final exam:    | 20% | Assignments: | 20% | Field experience: |   | Portfolio: | %    |
| Midterm exam:  | %   | Project:     | 30% | Practicum:        | % | Other:     | %    |
| Quizzes/tests: | 30% | Lab work:    | %   | Shop work:        | % | Total:     | 100% |

### Details (if necessary):

### Typical Course Content and Topics

- Basic definition and elements of a project.
- Scope, cost, time and quality
- Ethical considerations for electronics projects
- PMI and PMBOK
- Process groups and phases
- Project documents
- Agile project methodology
- Scrum project methodology
- Team members and stakeholders
- ASTTBC Code of Ethics
- Legal and professional accountability

**Memo for New Course**

To: Faculty of Applied & Technical Studies Curriculum Committee

From: Kulwinderjeet Sivia, Trevor Murray

Date:

**Subject: ELTR 170 Electronic System Integration**

**1. Rationale for new course:**

The ECC (Electronics Common Core) program will be re-designed in such a way that we are better positioned to attract students to the program, as well as prepare and support them for employment in the field. The concepts covered in ECC, while relevant, are covered to a degree that is excessive for what is required in second-year programs and in the industry. By reducing some of the depth in these topics, time can be spent on other topics which will provide a more diverse knowledge base.

Technology Accreditation Canada (TAC) delivers accreditation services for the engineering technology and applied science profession in Canada. As such, it is beneficial to design the program in compliance with the Technology Accreditation Canada (TAC), so that Graduates are fast tracked to professional Status by provincial professional regulators.

**2. How this new course fits into program(s):**

The new course will cover point (b) and (c) of the five core competencies required for second year options i.e. Automation & Robotics, and Digital Manufacturing. The core competencies required are:

- a) Demonstrate strong computer skills, including the ability to learn and use software applications on one's own, or with minimal guidance.
- b) Operate tools, equipment or technologies that are broadly used for the purposes of production, analysis, troubleshooting, or extending reach.
- c) Apply analytical reasoning skills to processes such as troubleshooting, synthesis, extrapolations and forecasting.
- d) Employ fundamental arithmetical/mathematical skills working with basic quantities, formulas, graphs and charts in order to integrate parts and components into particular application.
- e) Formulate questions and solutions through a process of problem-solving that involves reasonably complex components.

3. Explain how the course learning outcomes align with the learning outcomes of the program(s):

The course is aligned with the learning outcomes of the program with objective of getting accreditation from TAC. Upon completion of this program, students will be able to meet ASTTBC Electronics Technologist Accreditation requirements. \*

Course meets majority of Learning Outcomes Indicators (LOI's) for one of the five Program Discipline Learning Outcomes (PDLO's) and one of the eight Program General Learning Outcomes (PGLO's).

**ELOTY08 Automated Control Systems: Diagnose, specify, select, design, construct, and commission automated control systems for industrial applications.**

**GY06 Communication: Analyze, access, and document data preparing graphics, charts, drawings, and reports for engineering technology/applied science projects.**

4. Will this course be required by any program beyond the discipline? If so, how will this course affect that program or programs?

No, this is not required by any program beyond the discipline.

5. Which program areas have been consulted about the course?

Not any internal departments, however ASTTBC has been consulted.

**From:** Charles Joyner [<mailto:cjoyner@asttbc.org>]  
**Sent:** September-13-19 2:01 PM  
**To:** Avner Bachar  
**Cc:** Jason Jung, ASCT  
**Subject:** Program Accreditation requirements

Hello Avner: Accreditation of technology education programs is done by Technology Accreditation Canada (TAC). The standards, criteria and process for accrediting a program are available on the TAC website <http://www.technologyaccreditation.ca/Landing>. Perhaps the most informative document regarding the process is the National Program Accreditation Manual for Administrators. <http://www.technologyaccreditation.ca/National-Accreditation/Application>. TAC is now at version 8 of the manual so be sure you use the most current manual when preparing for accreditation.

Regarding the general competencies or general learning outcomes, whatever standard is in place at the time you apply for accreditation should be the standard the audit team will apply to when conducting an audit. The general learning outcomes (GLO) for technicians are quite different from technologists. Be sure to review the indicators for the project coordination or project management learning outcome. For Technologist level programs a significant learning outcome is the Capstone Project technical report. That is GLO 01 for technologists.

Warmest regards, Charles



Charles Joyner, ASCT,  
BEd, MA  
Registrar  
604.585.2788 ext 235



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6. If a new discipline designation is required, explain why:

Not applicable.

7. What consideration has been given to indigenizing the curriculum?

Not applicable.

8. If this course is not eligible for PLAR, explain why:

All the courses are eligible for PLAR.

9. Explain how each of the following will affect the budget for your area or any other area:

a. **Credit value:** No effect on budget.

b. **Class size limit:**

Lectures: Maximum of 36 Students (one section per course)

Labs: Maximum of 18 Students (two lab sections for each applicable course)

(See financial analysis)

c. **Frequency of offering** Once per year. No effect on budget.

d. **Resources required (labs, equipment)** No effect on budget.

|                           |                     | Instructional Resources | Lab                    |          |            |
|---------------------------|---------------------|-------------------------|------------------------|----------|------------|
|                           | Course Name         |                         | Equipment / Facilities | Software | Consumable |
| FIRST YEAR TERM 1 COURSES |                     |                         |                        |          |            |
| ELT<br>R<br>170           | Systems Integration | Internal                | Electronics lab        |          |            |

10. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) How are the trips funded?

No

11. Estimate of the typical costs for this course, including textbooks and other materials:

Textbook cost: \$100



ORIGINAL COURSE IMPLEMENTATION DATE: September 2020  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED (six years after UEC approval): January 2026  
 Course outline form version: 05/18/2018

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

Note: The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                          |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                           |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|---------------------|--|-----------------------------|----|--------------------------------------------------------------|--|------------------------------|--|----------------------|--|--------------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> ELTR 170                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | <b>Number of Credits:</b> 2 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                   |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                           |  |
| <b>Course Full Title:</b> Electronic System Integration<br><b>Course Short Title:</b> Electronic System Integration<br><i>(Transcripts only display 30 characters. Departments may recommend a short title if one is needed. If left blank, one will be assigned.)</i>                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                          |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                           |  |
| <b>Faculty:</b> Faculty of Applied and Technical Studies                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           | <b>Department (or program if no department):</b> Electronics                                                                                                                                                                                                                             |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                           |  |
| <b>Calendar Description:</b><br>Learn deployment, configuration, verification, and calibration of residential communications infrastructure and system integration technologies. Students will learn to utilize job documentation and industry standards to perform installation. Lab-based activities for students to learn about equipment installation, cable management, system calibration, and network configuration.                                                                                        |           |                                                                                                                                                                                                                                                                                          |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                           |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | None.                                                                                                                                                                                                                                                                                    |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                           |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | None.                                                                                                                                                                                                                                                                                    |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                           |  |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | ELTR 100, ELTR 130, and ELTR 150.                                                                                                                                                                                                                                                        |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                           |  |
| <b>Antirequisite Courses</b> <i>(Cannot be taken for additional credit.)</i><br>Former course code/number:<br>Cross-listed with:<br>Dual-listed with:<br>Equivalent course(s):<br><i>(If offered in the previous five years, antirequisite course(s) will be included in the calendar description as a note that students with credit for the antirequisite course(s) cannot take this course for further credit.)</i>                                                                                             |           | <b>Special Topics</b> <i>(Double-click on boxes to select.)</i><br>This course is offered with different topics:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, topic will be recorded when offered.)</i>                                            |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                           |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Independent Study</b><br>If offered as an Independent Study course, this course may be repeated for further credit: <i>(If yes, topic will be recorded.)</i><br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                           |  |
| <b>Typical Structure of Instructional Hours</b> <table border="1"> <tr> <td>Lecture/seminar hours</td> <td>20</td> </tr> <tr> <td>Tutorials/workshops</td> <td></td> </tr> <tr> <td>Supervised laboratory hours</td> <td>10</td> </tr> <tr> <td>Experiential (field experience, practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Supervised online activities</td> <td></td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td><b>Total hours</b></td> <td><b>30</b></td> </tr> </table> |           | Lecture/seminar hours                                                                                                                                                                                                                                                                    | 20 | Tutorials/workshops |  | Supervised laboratory hours | 10 | Experiential (field experience, practicum, internship, etc.) |  | Supervised online activities |  | Other contact hours: |  | <b>Total hours</b> | <b>30</b> | <b>Transfer Credit</b><br>Transfer credit already exists: (See <a href="#">bctransferguide.ca</a> .)<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes<br>Submit outline for (re)articulation:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, fill in transfer credit form.)</i> |  |
| Lecture/seminar hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 20        |                                                                                                                                                                                                                                                                                          |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                           |  |
| Tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                          |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                           |  |
| Supervised laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 10        |                                                                                                                                                                                                                                                                                          |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                           |  |
| Experiential (field experience, practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                          |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                           |  |
| Supervised online activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                          |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                           |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                          |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                           |  |
| <b>Total hours</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>30</b> |                                                                                                                                                                                                                                                                                          |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                           |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Grading System</b><br><input checked="" type="checkbox"/> Letter Grades <input type="checkbox"/> Credit/No Credit                                                                                                                                                                     |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                           |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Maximum enrolment (for information only):</b> 36<br><b>Expected Frequency of Course Offerings:</b><br>Winter only <i>(Every semester, Fall only, annually, etc.)</i>                                                                                                                  |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                           |  |
| <b>Department / Program Head or Director:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | <b>Date approved:</b> November 2019                                                                                                                                                                                                                                                      |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                           |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Date approved:</b> November 14, 2019                                                                                                                                                                                                                                                  |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                           |  |
| <b>Dean/Associate VP:</b> John English                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Date approved:</b> November 14, 2019                                                                                                                                                                                                                                                  |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                           |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           | <b>Date of posting:</b> January 17, 2020                                                                                                                                                                                                                                                 |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                           |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | <b>Date of meeting:</b> January 31, 2020                                                                                                                                                                                                                                                 |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                           |  |

ELTR 170

University of the Fraser Valley Official Undergraduate Course Outline

Page 1 of 2

## Learning Outcomes

Upon successful completion of this course, students will be able to:

- Construct and explain working of audio-visual systems.
- Select, test and troubleshoot common components and adapters of audio-visual systems.
- Construct and explain home data networks.
- Select, test and troubleshoot common components of home data networks.
- Explain and apply common integration methods (horizontal, vertical, and star/spaghetti).
- Integrate a combination of two or more audio-visual, telecommunication, data, and/or digital systems.
- Identify and select common adapters.
- Design and interpret flowcharts and block diagrams of integrated systems.

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes      ☐ No, PLAR cannot be awarded for this course because

## Typical Instructional Methods *(Guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion.)*

Lecture and Lab Work

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

## Typical Text(s) and Resource Materials *(If more space is required, download Supplemental Texts and Resource Materials form.)*

| Author (surname, initials) | Title (article, book, journal, etc.)         | Current ed.                         | Publisher               | Year |
|----------------------------|----------------------------------------------|-------------------------------------|-------------------------|------|
| 1. Quentin Wells           | Guide to Digital Home Technology Integration | <input checked="" type="checkbox"/> | Delmar Cengage Learning | 2009 |
| 2.                         |                                              | <input type="checkbox"/>            |                         |      |
| 3.                         |                                              | <input type="checkbox"/>            |                         |      |
| 4.                         |                                              | <input type="checkbox"/>            |                         |      |
| 5.                         |                                              | <input type="checkbox"/>            |                         |      |

## Required Additional Supplies and Materials *(Software, hardware, tools, specialized clothing, etc.)*

## Typical Evaluation Methods and Weighting

|                |     |              |     |                   |   |            |      |
|----------------|-----|--------------|-----|-------------------|---|------------|------|
| Final exam:    | %   | Assignments: | 20% | Field experience: |   | Portfolio: | %    |
| Midterm exam:  | %   | Project:     |     | Practicum:        | % | Other:     | %    |
| Quizzes/tests: | 30% | Lab work:    | 50% | Shop work:        | % | Total:     | 100% |

## Details (if necessary):

## Typical Course Content and Topics

- Introduction to digital home technology integration
- Home networks design and configuration
- Installing network components and low voltage wiring
- Audio and video installation and setup
- Security and access system fundamentals
- Security system installation and setup
- Telecommunication fundamentals and installation
- Home lighting control system components and installation
- Troubleshooting integrated technology systems

**Memo for New Course**

To: Faculty of Applied & Technical Studies Curriculum Committee

From: Kulwinderjeet Sivia, Trevor Murray

Date:

**Subject: ELTR 180 Network and Data Communication**

**1. Rationale for new course:**

The ECC (Electronics Common Core) program will be re-designed in such a way that we are better positioned to attract students to the program, as well as prepare and support them for employment in the field. The concepts covered in ECC, while relevant, are covered to a degree that is excessive for what is required in second-year programs and in the industry. By reducing some of the depth in these topics, time can be spent on other topics which will provide a more diverse knowledge base.

Technology Accreditation Canada (TAC) delivers accreditation services for the engineering technology and applied science profession in Canada. As such, it is beneficial to design the program in compliance with the Technology Accreditation Canada (TAC), so that Graduates are fast tracked to professional Status by provincial professional regulators.

**2. How this new course fits into program(s):**

The new course will cover point (b) and (e) of the five core competencies required for second year options i.e. Automation & Robotics, and Digital Manufacturing. The core competencies required are:

- a) Demonstrate strong computer skills, including the ability to learn and use software applications on one's own, or with minimal guidance.
- b) Operate tools, equipment or technologies that are broadly used for the purposes of production, analysis, troubleshooting, or extending reach.
- c) Apply analytical reasoning skills to processes such as troubleshooting, synthesis, extrapolations and forecasting.
- d) Employ fundamental arithmetical/mathematical skills working with basic quantities, formulas, graphs and charts in order to integrate parts and components into particular application.
- e) Formulate questions and solutions through a process of problem-solving that involves reasonably complex components.

3. Explain how the course learning outcomes align with the learning outcomes of the program(s):

This course is aligned with the learning outcomes of the program with objective of getting accreditation from TAC. Upon completion of this program, students will be able to meet ASTTBC Electronics Technologist Accreditation requirements. \*

This course meets majority of Learning Outcomes Indicators (LOI's) for one of the five Program Discipline Learning Outcomes (PDLO's) and one of the eight Program General Learning Outcomes (PGLO's).

**ELOTY07 Network Security: Diagnose, specify, analyze, and administer computer networks for use in secure transmission of data.**

**GY07 Computer Knowledge: Use a variety of appropriate computer hardware and software necessary to the performance of tasks within the discipline.**

4. Will this course be required by any program beyond the discipline? If so, how will this course affect that program or programs?

No, this is not required by any program beyond the discipline.

5. Which program areas have been consulted about the course?

Not any internal departments, however ASTTBC has been consulted.

**From:** Charles Joyner [<mailto:cjoyner@asttbc.org>]  
**Sent:** September-13-19 2:01 PM  
**To:** Avner Bachar  
**Cc:** Jason Jung, ASCT  
**Subject:** Program Accreditation requirements

Hello Avner: Accreditation of technology education programs is done by Technology Accreditation Canada (TAC). The standards, criteria and process for accrediting a program are available on the TAC website <http://www.technologyaccreditation.ca/Landing>. Perhaps the most informative document regarding the process is the National Program Accreditation Manual for Administrators. <http://www.technologyaccreditation.ca/National-Accreditation/Application>. TAC is now at version 8 of the manual so be sure you use the most current manual when preparing for accreditation.

Regarding the general competencies or general learning outcomes, whatever standard is in place at the time you apply for accreditation should be the standard the audit team will apply to when conducting an audit. The general learning outcomes (GLO) for technicians are quite different from technologists. Be sure to review the indicators for the project coordination or project management learning outcome. For Technologist level programs a significant learning outcome is the Capstone Project technical report. That is GLO 01 for technologists.

Warmest regards, Charles



Charles Joyner, ASCT,  
BEd, MA  
Registrar  
604.585.2788 ext 235



This e-mail and any attachments may contain information that is privileged, confidential, or otherwise exempt from disclosure under applicable laws and is intended only for the named recipients. If you have received this email in error, please notify the sender and destroy the email.

6. If a new discipline designation is required, explain why:

Not applicable.

7. What consideration has been given to indigenizing the curriculum?

Not applicable.

8. If this course is not eligible for PLAR, explain why:

All the courses are eligible for PLAR.

9. Explain how each of the following will affect the budget for your area or any other area:

a. **Credit value:** No effect on budget.

b. **Class size limit:**

Lectures: Maximum of 36 Students (one section per course)

Labs: Maximum of 18 Students (two lab sections for each applicable course)

(See financial analysis)

c. **Frequency of offering** Once per year. No effect on budget.

d. **Resources required (labs, equipment)** No effect on budget.

|                           |                             | Instructional Resources | Lab                                                                                             |            |                                                            |
|---------------------------|-----------------------------|-------------------------|-------------------------------------------------------------------------------------------------|------------|------------------------------------------------------------|
|                           | Course Name                 |                         | Equipment / Facilities                                                                          | Software   | Consumable                                                 |
| FIRST YEAR TERM 1 COURSES |                             |                         |                                                                                                 |            |                                                            |
| ELTR 180                  | Data Communications Systems | Internal                | Electronics Lab<br>Modems,<br>switches, routers,<br>wireless access<br>points, etc<br>Computers | Windows OS | Cables/connector<br>(Twisted<br>pair/CAT,<br>coaxial, etc) |

10. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) How are the trips funded?

No

11. Estimate of the typical costs for this course, including textbooks and other materials:

Textbook cost: \$89.00


**ORIGINAL COURSE IMPLEMENTATION DATE:** September 2020

**REVISED COURSE IMPLEMENTATION DATE:**
**COURSE TO BE REVIEWED** (six years after UEC approval): January 2026

**Course outline form version:** 05/18/2018

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----|---------------------|--|-----------------------------|----|--------------------------------------------------------------|--|------------------------------|--|----------------------|--|--------------------|-----------|
| <b>Course Code and Number:</b> ELTR 180                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Course Full Title:</b> Networks and Data Communications<br><b>Course Short Title:</b> Networks and Data Comms<br><i>(Transcripts only display 30 characters. Departments may recommend a short title if one is needed. If left blank, one will be assigned.)</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Faculty:</b> Faculty of Applied and Technical Studies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Department (or program if no department):</b> Electronics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Calendar Description:</b><br>Introduction to basic concepts and terminologies related to data communications, networking, and network topologies. Students will learn about the TCP/IP protocol suite and the principles of protocols at the physical, data link, network, and transport layers. Networking and internetworking devices, LANs, and WANs will also be discussed.                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ELTR 100, ELTR 130, and ELTR 150.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Antirequisite Courses</b> <i>(Cannot be taken for additional credit.)</i><br>Former course code/number:<br>Cross-listed with:<br>Dual-listed with:<br>Equivalent course(s):<br><i>(If offered in the previous five years, antirequisite course(s) will be included in the calendar description as a note that students with credit for the antirequisite course(s) cannot take this course for further credit.)</i>                                                                                                                                                                                                                                                                                                             | <b>Special Topics</b> <i>(Double-click on boxes to select.)</i><br>This course is offered with different topics:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, topic will be recorded when offered.)</i><br><b>Independent Study</b><br>If offered as an Independent Study course, this course may be repeated for further credit: <i>(If yes, topic will be recorded.)</i><br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><b>Transfer Credit</b><br>Transfer credit already exists: (See <a href="#">bctransferguide.ca</a> )<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes<br>Submit outline for (re)articulation:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, fill in transfer credit form.)</i><br><b>Grading System</b><br><input checked="" type="checkbox"/> Letter Grades <input type="checkbox"/> Credit/No Credit<br><b>Maximum enrolment (for information only):</b> 36<br><b>Expected Frequency of Course Offerings:</b><br>Winter only <i>(Every semester, Fall only, annually, etc.)</i> |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Typical Structure of Instructional Hours</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr> <td style="width: 80%;">Lecture/seminar hours</td> <td style="width: 20%; text-align: center;">30</td> </tr> <tr> <td>Tutorials/workshops</td> <td></td> </tr> <tr> <td>Supervised laboratory hours</td> <td style="text-align: center;">15</td> </tr> <tr> <td>Experiential (field experience, practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Supervised online activities</td> <td></td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td style="text-align: right;"><b>Total hours</b></td> <td style="text-align: center;"><b>45</b></td> </tr> </table> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Lecture/seminar hours | 30 | Tutorials/workshops |  | Supervised laboratory hours | 15 | Experiential (field experience, practicum, internship, etc.) |  | Supervised online activities |  | Other contact hours: |  | <b>Total hours</b> | <b>45</b> |
| Lecture/seminar hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| Tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| Supervised laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| Experiential (field experience, practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| Supervised online activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Total hours</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>45</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| Labs to be scheduled independent of lecture hours: <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Department / Program Head or Director:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Date approved:</b> November 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Date approved:</b> November 14, 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Dean/Associate VP:</b> John English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Date approved:</b> November 14, 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Date of posting:</b> January 17, 2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Date of meeting:</b> January 31, 2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |

ELTR 180

University of the Fraser Valley Official Undergraduate Course Outline

Page 1 of 2

## Learning Outcomes

Upon successful completion of this course, students will be able to:

- Discuss and summarize the concept of data communications.
- Assemble, operate, and troubleshoot basic data networks.
- Operate basic data network software on the Windows or Linux operating systems.
- Explain and discuss the TCP/IP networking model.
- Identify and select common network cables (twisted pair, coaxial, fiberoptic).
- Identify and operate basic network equipment (modem, router, switch, wireless access point).
- Explain and discuss common application protocols (HTTP, HTTPS, FTP, SSH).
- Explain and discuss transmission control protocol (TCP).
- Explain and discuss internet protocol (IP).

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes      ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods** (*Guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion.*)

Lecture and Lab Work

**NOTE:** The following sections may vary by instructor. Please see course syllabus available from the instructor.

**Typical Text(s) and Resource Materials** (*If more space is required, download Supplemental Texts and Resource Materials form.*)

| Author (surname, initials) | Title (article, book, journal, etc.) | Current ed.                         | Publisher  | Year |
|----------------------------|--------------------------------------|-------------------------------------|------------|------|
| 1. Behrouz A Forouzan      | Data communication and networking    | <input checked="" type="checkbox"/> | McGrawHill | 2012 |
| 2.                         |                                      | <input type="checkbox"/>            |            |      |
| 3.                         |                                      | <input type="checkbox"/>            |            |      |
| 4.                         |                                      | <input type="checkbox"/>            |            |      |
| 5.                         |                                      | <input type="checkbox"/>            |            |      |

**Required Additional Supplies and Materials** (*Software, hardware, tools, specialized clothing, etc.*)

## Typical Evaluation Methods and Weighting

|                |     |              |     |                   |   |            |      |
|----------------|-----|--------------|-----|-------------------|---|------------|------|
| Final exam:    | 40% | Assignments: | 10% | Field experience: |   | Portfolio: | %    |
| Midterm exam:  | %   | Project:     |     | Practicum:        | % | Other:     | %    |
| Quizzes/tests: | 20% | Lab work:    | 30% | Shop work:        | % | Total:     | 100% |

**Details (if necessary):**

## Typical Course Content and Topics

- Basic definition of a network, brief history, and common uses.
- OSI and TCP/IP network models
- Application layer
- Transport layer
- Internet layer
- Network infrastructure layer
- Servers and clients
- Modems and routers
- Switches and cables
- Wireless access points

**Memo for New Course**

To: Faculty of Applied & Technical Studies Curriculum Committee

From: Kulwinderjeet Sivia, Trevor Murray

Date:

**Subject: ELTR 190 Electronics Project**

**1. Rationale for new course:**

The Electronics Common Core (ECC) program will be re-designed in such a way that we are better positioned to attract students to the program, as well as prepare and support them for employment in the field. The concepts covered in ECC, while relevant, are covered to a degree that is excessive for what is required in second-year programs and in the industry. By reducing some of the depth in these topics, time can be spent on other topics which will provide a more diverse knowledge base.

Technology Accreditation Canada (TAC) delivers accreditation services for the engineering technology and applied science profession in Canada. As such, it is beneficial to design the program in compliance with the Technology Accreditation Canada (TAC), so that Graduates are fast tracked to professional Status by provincial professional regulators.

**2. How this new course fits into program(s):**

The new course will cover point (a),(b) and (c) of the five core competencies required for second year options i.e. Automation & Robotics and Digital Manufacturing. The core competencies required are:

- a) Demonstrate strong computer skills, including the ability to learn and use software applications on one's own, or with minimal guidance.
- b) Operate tools, equipment or technologies that are broadly used for the purposes of production, analysis, troubleshooting, or extending reach.
- c) Apply analytical reasoning skills to processes such as troubleshooting, synthesis, extrapolations and forecasting.
- d) Employ fundamental arithmetical/mathematical skills working with basic quantities, formulas, graphs and charts in order to integrate parts and components into particular application.
- e) Formulate questions and solutions through a process of problem-solving that involves reasonably complex components.

3. Explain how the course learning outcomes align with the learning outcomes of the program(s):

The course is aligned with the learning outcomes of the program with objective of getting accreditation from TAC. Upon completion of this program, students will be able to meet ASTTBC Electronics Technologist Accreditation requirements. \*

Course meets majority of Learning Outcomes Indicators (LOI's) for two of the five Program Discipline Learning Outcomes (PDLO's) and two of the eight Program General Learning Outcomes (PGLO's).

**ELOTY01 Analog Circuits: Diagnose, specify, select, design, and, construct DC and AC analog circuits.**

**ELOTY02 Digital Circuits: Diagnose specify, select, design construct, and characterize digital circuits.**

**GY06 Communication: Analyze, access, and document data preparing graphics, charts, drawings, and reports for engineering technology/applied science projects.**

**GY08 Health and Safety: Analyze, interpret and assess best practices to ensure a safe and healthy working environment for oneself and colleagues.**

4. Will this course be required by any program beyond the discipline? If so, how will this course affect that program or programs?

No, this is not required by any program beyond the discipline.

5. Which program areas have been consulted about the course?

Not any internal departments, however ASTTBC has been consulted.

**From:** Charles Joyner [<mailto:cjoyner@asttbc.org>]  
**Sent:** September-13-19 2:01 PM  
**To:** Avner Bachar  
**Cc:** Jason Jung, ASCT  
**Subject:** Program Accreditation requirements

Hello Avner: Accreditation of technology education programs is done by Technology Accreditation Canada (TAC). The standards, criteria and process for accrediting a program are available on the TAC website <http://www.technologyaccreditation.ca/Landing> Perhaps the most informative document regarding the process is the National Program Accreditation Manual for Administrators. <http://www.technologyaccreditation.ca/National-Accreditation/Application> TAC is now at version 8 of the manual so be sure you use the most current manual when preparing for accreditation.

Regarding the general competencies or general learning outcomes, whatever standard is in place at the time you apply for accreditation should be the standard the audit team will apply to when conducting an audit. The general learning outcomes (GLO) for technicians are quite different from technologists. Be sure to review the indicators for the project coordination or project management learning outcome. For Technologist level programs a significant learning outcome is the Capstone Project technical report. That is GLO 01 for technologists.

Warmest regards, Charles



Charles Joyner, ASCT,  
BED, MA  
Registrar  
604.585.2788 ext 235

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6. If a new discipline designation is required, explain why:

Not applicable.

7. What consideration has been given to indigenizing the curriculum?

Not applicable.

8. If this course is not eligible for PLAR, explain why:

All the courses are eligible for PLAR.

9. Explain how each of the following will affect the budget for your area or any other area:

a. **Credit value:** No effect on budget.

b. **Class size limit:**

Labs: Maximum of 18 Students (two lab sections for each applicable course)

(See financial analysis)

c. **Frequency of offering** Once per year. No effect on budget.

d. **Resources required (labs, equipment)** No effect on budget.

|                           |                     | Instructional Resources | Lab                                                                                                                                                             |                                                                |                                                                 |
|---------------------------|---------------------|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------------|
|                           | Course Name         |                         | Equipment / Facilities                                                                                                                                          | Software                                                       | Consumable                                                      |
| FIRST YEAR TERM 1 COURSES |                     |                         |                                                                                                                                                                 |                                                                |                                                                 |
| ELTR 190                  | Electronics Project | Internal                | Electronics Lab<br>PCB Printing<br>Equipment<br>Soldering Stations<br>Power supplies, function generators.<br>Meters, oscilloscopes, logic probes.<br>Computers | Circuit Analysis<br>Software (MultiSim)<br>PCB Design software | Resistors, inductors, capacitors, diodes, transistors, ICs, etc |

10. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) How are the trips funded?

No

11. Estimate of the typical costs for this course, including textbooks and other materials:

No textbook is required.



ORIGINAL COURSE IMPLEMENTATION DATE: September 2020  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED (six years after UEC approval): January 2026  
 Course outline form version: 05/18/2018

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

Note: The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |                                                                                                                                                                                                                                               |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|---------------------|--|-----------------------------|----|--------------------------------------------------------------|--|------------------------------|--|----------------------|--|--------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> ELTR 190                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                        |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Course Full Title:</b> Electronics Capstone Project<br><b>Course Short Title:</b> Electronics Capstone Project<br><i>(Transcripts only display 30 characters. Departments may recommend a short title if one is needed. If left blank, one will be assigned.)</i>                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                               |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Faculty:</b> Faculty of Applied and Technical Studies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           | <b>Department (or program if no department):</b> Electronics                                                                                                                                                                                  |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Calendar Description:</b><br>Apply knowledge gained in prior courses to specific project. Design, build, and assemble the prototype and generate manufacturing documents. Communicate the methods and processes of the project in a presentation.                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                               |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | None.                                                                                                                                                                                                                                         |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | None.                                                                                                                                                                                                                                         |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | ELTR 100, ELTR 110, ELTR 130, ELTR 140, ELTR 150, ELTR 160, ELTR 170, and ELTR 180.                                                                                                                                                           |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Antirequisite Courses</b> <i>(Cannot be taken for additional credit.)</i><br>Former course code/number:<br>Cross-listed with:<br>Dual-listed with:<br>Equivalent course(s):<br><i>(If offered in the previous five years, antirequisite course(s) will be included in the calendar description as a note that students with credit for the antirequisite course(s) cannot take this course for further credit.)</i>                                                                                                                                                                                                                                                           |           | <b>Special Topics</b> <i>(Double-click on boxes to select.)</i><br>This course is offered with different topics:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, topic will be recorded when offered.)</i> |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Typical Structure of Instructional Hours</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Lecture/seminar hours</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Tutorials/workshops</td> <td></td> </tr> <tr> <td>Supervised laboratory hours</td> <td style="text-align: center;">45</td> </tr> <tr> <td>Experiential (field experience, practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Supervised online activities</td> <td></td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td style="text-align: right;"><b>Total hours</b></td> <td style="text-align: center;"><b>45</b></td> </tr> </table> |           | Lecture/seminar hours                                                                                                                                                                                                                         | 0  | Tutorials/workshops |  | Supervised laboratory hours | 45 | Experiential (field experience, practicum, internship, etc.) |  | Supervised online activities |  | Other contact hours: |  | <b>Total hours</b> | <b>45</b> | <b>Independent Study</b><br>If offered as an Independent Study course, this course may be repeated for further credit: <i>(If yes, topic will be recorded.)</i><br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | Lecture/seminar hours                                                                                                                                                                                                                         | 0  |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | Tutorials/workshops                                                                                                                                                                                                                           |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | Supervised laboratory hours                                                                                                                                                                                                                   | 45 |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| Experiential (field experience, practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                               |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| Supervised online activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                               |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                               |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Total hours</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>45</b> |                                                                                                                                                                                                                                               |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Transfer Credit</b><br>Transfer credit already exists: (See <a href="#">bctransferguide.ca</a> .)<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes<br>Submit outline for (re)articulation:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, fill in transfer credit form.)</i>                                                                                                                                                                                                                                                                                                                                        |           |                                                                                                                                                                                                                                               |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Grading System</b><br><input checked="" type="checkbox"/> Letter Grades <input type="checkbox"/> Credit/No Credit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                               |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| Labs to be scheduled independent of lecture hours: <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           | <b>Maximum enrolment (for information only):</b> 36<br><b>Expected Frequency of Course Offerings:</b><br>Winter only <i>(Every semester, Fall only, annually, etc.)</i>                                                                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Department / Program Head or Director:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Date approved:</b> November 2019                                                                                                                                                                                                           |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | <b>Date approved:</b> November 14, 2019                                                                                                                                                                                                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Dean/Associate VP:</b> John English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           | <b>Date approved:</b> November 14, 2019                                                                                                                                                                                                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | <b>Date of posting:</b> January 17, 2020                                                                                                                                                                                                      |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | <b>Date of meeting:</b> January 31, 2020                                                                                                                                                                                                      |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |

ELTR 190

University of the Fraser Valley Official Undergraduate Course Outline

Page 1 of 2

## Learning Outcomes

Upon successful completion of this course, students will be able to:

- Apply all acquired skills to design, assemble a PCB based electronics project.
- Design a circuit schematic for a specific function.
- Assemble a prototype circuit using a solderless breadboard.
- Design a PCB layout from a circuit schematic.
- Assemble a PCB circuit.
- Present and explain technical information to an audience.
- Employ iterative and modular design and development techniques.
- Work in team and apply project management tools effectively.
- Generate all the documentation required for manufacturing of the product.

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes      ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods** (*Guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion.*)

Lab Work

**NOTE:** The following sections may vary by instructor. Please see course syllabus available from the instructor.

**Typical Text(s) and Resource Materials** (*If more space is required, download Supplemental Texts and Resource Materials form.*)

| Author (surname, initials) | Title (article, book, journal, etc.) | Current ed.              | Publisher | Year |
|----------------------------|--------------------------------------|--------------------------|-----------|------|
| 1. No Textbook Required    |                                      | <input type="checkbox"/> |           |      |
| 2.                         |                                      | <input type="checkbox"/> |           |      |
| 3.                         |                                      | <input type="checkbox"/> |           |      |
| 4.                         |                                      | <input type="checkbox"/> |           |      |
| 5.                         |                                      | <input type="checkbox"/> |           |      |

**Required Additional Supplies and Materials** (*Software, hardware, tools, specialized clothing, etc.*)

## Typical Evaluation Methods and Weighting

|                |     |              |     |                   |   |            |      |
|----------------|-----|--------------|-----|-------------------|---|------------|------|
| Final exam:    | %   | Assignments: | 20% | Field experience: |   | Portfolio: | %    |
| Midterm exam:  | %   | Project:     |     | Practicum:        | % | Other:     | %    |
| Quizzes/tests: | 30% | Lab work:    | 50% | Shop work:        | % | Total:     | 100% |

**Details (if necessary):**

## Typical Course Content and Topics

- Project should have minimum DC power source component build and additional circuitry for display and control.

**Memo for New Course**

To: Faculty of Applied & Technical Studies Curriculum Committee

From: Kulwinderjeet Sivia, Trevor Murray

Date:

**Subject: ELTR 220 Statistics for Electronics**

**1. Rationale for new course:**

The Electronics Common Core (ECC) program will be re-designed in such a way that we are better positioned to attract students to the program, as well as prepare and support them for employment in the field. The concepts covered in ECC, while relevant, are covered to a degree that is excessive for what is required in second-year programs and in the industry. By reducing some of the depth in these topics, time can be spent on other topics which will provide a more diverse knowledge base.

Technology Accreditation Canada (TAC) delivers accreditation services for the engineering technology and applied science profession in Canada. As such, it is beneficial to design the program in compliance with the Technology Accreditation Canada (TAC), so that Graduates are fast tracked to professional Status by provincial professional regulators.

**2. How this new course fits into program(s):**

The new course will cover point (d) of the five core competencies required for second year options i.e. Automation & Robotics, and Digital Manufacturing. The core competencies required are:

- a) Demonstrate strong computer skills, including the ability to learn and use software applications on one's own, or with minimal guidance.
- b) Operate tools, equipment or technologies that are broadly used for the purposes of production, analysis, troubleshooting, or extending reach .
- c) Apply analytical reasoning skills to processes such as troubleshooting, synthesis, extrapolations and forecasting.
- d) Employ fundamental arithmetical/mathematical skills working with basic quantities, formulas, graphs and charts in order to integrate parts and components into particular application.
- e) Formulate questions and solutions through a process of problem-solving that involves reasonably complex components.

**3. Explain how the course learning outcomes align with the learning outcomes of the program(s):**

The course is aligned with the learning outcomes of the program with objective of getting accreditation from TAC. Upon completion of this program, students will be able to meet ASTTBC Electronics Technologist Accreditation requirements. \*

This course meets the majority of Learning Outcomes Indicators (LOI's) for one of the eight Program General Learning Outcomes (PGLO's) required.

**GY02 Mathematics: Section 2.2: Statistics**

4. Will this course be required by any program beyond the discipline? If so, how will this course affect that program or programs?

No, this is not required by any program beyond the discipline.

5. Which program areas have been consulted about the course?

Consulted UFV Mathematics and Statistics department. Worked with Ruwan C. Karunanayaka, Assistant Professor, received feedback and worked in consultation with him.

ASTTBC has also been consulted.

**From:** Charles Joyner [<mailto:cjoyner@asttbc.org>]  
**Sent:** September-13-19 2:01 PM  
**To:** Avner Bachar  
**Cc:** Jason Jung, ASCT  
**Subject:** Program Accreditation requirements

Hello Avner: Accreditation of technology education programs is done by Technology Accreditation Canada (TAC). The standards, criteria and process for accrediting a program are available on the TAC website <http://www.technologyaccreditation.ca/Landing>. Perhaps the most informative document regarding the process is the National Program Accreditation Manual for Administrators. <http://www.technologyaccreditation.ca/National-Accreditation/Application>. TAC is now at version 8 of the manual so be sure you use the most current manual when preparing for accreditation.

Regarding the general competencies or general learning outcomes, whatever standard is in place at the time you apply for accreditation should be the standard the audit team will apply to when conducting an audit. The general learning outcomes (GLO) for technicians are quite different from technologists. Be sure to review the indicators for the project coordination or project management learning outcome. For Technologist level programs a significant learning outcome is the Capstone Project technical report. That is GLO 01 for technologists.

Warmest regards, Charles



Charles Joyner, ASCT,  
 BEd, MA  
 Registrar  
 604.585.2788 ext 235



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6. If a new discipline designation is required, explain why:

Not applicable.

7. What consideration has been given to indigenizing the curriculum?

Not applicable.

8. If this course is not eligible for PLAR, explain why:

All the courses are eligible for PLAR.

9. Explain how each of the following will affect the budget for your area or any other area:

a. **Credit value:** No effect on budget.

b. **Class size limit:**

Lectures: Maximum of 20 Students (one section per course)

Labs: Maximum of 20 Students (one section per course)

(See financial analysis)

c. **Frequency of offering** Once per year. No effect on budget.

d. **Resources required (labs, equipment)** No effect on budget.

|                           |                            | Instructional Resources | Lab                    |                               |            |
|---------------------------|----------------------------|-------------------------|------------------------|-------------------------------|------------|
|                           | Course Name                |                         | Equipment / Facilities | Software                      | Consumable |
| FIRST YEAR TERM 1 COURSES |                            |                         |                        |                               |            |
| ELTR 220                  | Statistics for Engineering | Internal                | Any computer lab       | Statistical analysis software |            |

10. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) How are the trips funded?

No

11. Estimate of the typical costs for this course, including textbooks and other materials:

Textbooks: \$100


**ORIGINAL COURSE IMPLEMENTATION DATE:** September 2020

**REVISED COURSE IMPLEMENTATION DATE:**
**COURSE TO BE REVIEWED** (six years after UEC approval): January 2026

**Course outline form version:** 05/18/2018

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                           |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|---------------------|--|-----------------------------|----|--------------------------------------------------------------|--|------------------------------|--|----------------------|--|--------------------|-----------|----------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> ELTR 230                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                    |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Course Full Title:</b> Electrical Machines: Principles, Application, and Control                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                           |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Course Short Title:</b> Electrical Machines<br><i>(Transcripts only display 30 characters. Departments may recommend a short title if one is needed. If left blank, one will be assigned.)</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                           |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Faculty:</b> Faculty of Applied and Technical Studies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | <b>Department (or program if no department):</b> Electronics                                                                                                                                                                                                                                                                              |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Calendar Description:</b><br>Learn and practice common motor controls methods, common motors, and actuators including DC motors. Learn motor controls and related issues such as noise, shielding and isolation, and variable speed drives. Gain knowledge of pumps, compressors, and mechanical drives. Understand motor applications through common use in agriculture.                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                           |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | ELTR 100, ELTR 130, and ELTR 150.                                                                                                                                                                                                                                                                                                         |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | NONE                                                                                                                                                                                                                                                                                                                                      |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | NONE                                                                                                                                                                                                                                                                                                                                      |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Antirequisite Courses</b> <i>(Cannot be taken for additional credit.)</i><br>Former course code/number:<br>Cross-listed with:<br>Dual-listed with:<br>Equivalent course(s):<br><i>(If offered in the previous five years, antirequisite course(s) will be included in the calendar description as a note that students with credit for the antirequisite course(s) cannot take this course for further credit.)</i>                                                                                                                                                                                                                                                            |           | <b>Special Topics</b> <i>(Double-click on boxes to select.)</i><br>This course is offered with different topics:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, topic will be recorded when offered.)</i>                                                                                             |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | <b>Independent Study</b><br>If offered as an Independent Study course, this course may be repeated for further credit: <i>(If yes, topic will be recorded.)</i><br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit                                                  |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | <b>Transfer Credit</b><br>Transfer credit already exists: (See <a href="#">bctransferguide.ca</a> .)<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes<br>Submit outline for (re)articulation:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, fill in transfer credit form.)</i> |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Typical Structure of Instructional Hours</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Lecture/seminar hours</td> <td style="text-align: center;">30</td> </tr> <tr> <td>Tutorials/workshops</td> <td></td> </tr> <tr> <td>Supervised laboratory hours</td> <td style="text-align: center;">15</td> </tr> <tr> <td>Experiential (field experience, practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Supervised online activities</td> <td></td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td style="text-align: right;"><b>Total hours</b></td> <td style="text-align: center;"><b>45</b></td> </tr> </table> |           | Lecture/seminar hours                                                                                                                                                                                                                                                                                                                     | 30 | Tutorials/workshops |  | Supervised laboratory hours | 15 | Experiential (field experience, practicum, internship, etc.) |  | Supervised online activities |  | Other contact hours: |  | <b>Total hours</b> | <b>45</b> | <b>Grading System</b><br><input checked="" type="checkbox"/> Letter Grades <input type="checkbox"/> Credit/No Credit |  |
| Lecture/seminar hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 30        |                                                                                                                                                                                                                                                                                                                                           |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| Tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                           |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| Supervised laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 15        |                                                                                                                                                                                                                                                                                                                                           |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| Experiential (field experience, practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                           |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| Supervised online activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                           |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                                                                                                                                           |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Total hours</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>45</b> |                                                                                                                                                                                                                                                                                                                                           |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | <b>Maximum enrolment (for information only):</b> 20<br><b>Expected Frequency of Course Offerings:</b><br>Fall only <i>(Every semester, Fall only, annually, etc.)</i>                                                                                                                                                                     |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Department / Program Head or Director:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Date approved:</b> November 2019                                                                                                                                                                                                                                                                                                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | <b>Date approved:</b> November 14, 2019                                                                                                                                                                                                                                                                                                   |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Dean/Associate VP:</b> John English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | <b>Date approved:</b> November 14, 2019                                                                                                                                                                                                                                                                                                   |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Date of posting:</b> January 17, 2020                                                                                                                                                                                                                                                                                                  |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           | <b>Date of meeting:</b> January 31, 2020                                                                                                                                                                                                                                                                                                  |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |

ELTR 230

University of the Fraser Valley Official Undergraduate Course Outline

Page 1 of 2

## Learning Outcomes

Upon successful completion of this course, students will be able to:

- Interface with motors and actuators.
- Test various motor control methods, DC, single phase, and 3 phase systems.
- Investigate the operation and setup of generators and power generation.
- Investigate the operation and setup of pumps compressors and mechanical drives commonly used in agriculture.
- Explore the fundamentals of electrical controls and control components including starters troubleshooting techniques, various protective devices, schematics, and diagrams.
- Analyze function and operation, troubleshoot variable speed drives.
- Analyze motors applications through common use in agriculture.

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes      ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods** (*Guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion.*)

Lecture and Lab Work

**NOTE:** The following sections may vary by instructor. Please see course syllabus available from the instructor.

**Typical Text(s) and Resource Materials** (*If more space is required, download Supplemental Texts and Resource Materials form.*)

| Author (surname, initials) | Title (article, book, journal, etc.)      | Current ed.                         | Publisher  | Year |
|----------------------------|-------------------------------------------|-------------------------------------|------------|------|
| 1. Miller, R               | Industrial Electricity and Motor Controls | <input checked="" type="checkbox"/> | McGrawHill | 2014 |
| 2.                         |                                           | <input type="checkbox"/>            |            |      |
| 3.                         |                                           | <input type="checkbox"/>            |            |      |
| 4.                         |                                           | <input type="checkbox"/>            |            |      |
| 5.                         |                                           | <input type="checkbox"/>            |            |      |

**Required Additional Supplies and Materials** (*Software, hardware, tools, specialized clothing, etc.*)

## Typical Evaluation Methods and Weighting

|                |     |              |     |                   |   |            |      |
|----------------|-----|--------------|-----|-------------------|---|------------|------|
| Final exam:    | %   | Assignments: | %   | Field experience: |   | Portfolio: | %    |
| Midterm exam:  | %   | Project:     |     | Practicum:        | % | Other:     | %    |
| Quizzes/tests: | 30% | Lab work:    | 70% | Shop work:        | % | Total:     | 100% |

**Details (if necessary):**

## Typical Course Content and Topics

- Switches, magnetism, solenoids, and relays
- Electric motors, motor control and protection, 3 phase controllers, and drives
- Transformers, power generation, and power distribution systems
- Troubleshooting and maintenance
- Timers, sensors, solenoids, and valves
- Motor starting methods and solid-state reduced voltage starters
- Speed control and monitoring

**Memo for New Course**

To: Faculty of Applied & Technical Studies Curriculum Committee

From: Kulwinderjeet Sivia, Trevor Murray

Date:

**Subject: ELTR 252: Microcontroller II**

**1. Rationale for new course:**

The Electronics Common Core (ECC) program will be re-designed in such a way that we are better positioned to attract students to the program, as well as prepare and support them for employment in the field. The concepts covered in ECC, while relevant, are covered to a degree that is excessive for what is required in second-year programs and in the industry. By reducing some of the depth in these topics, time can be spent on other topics which will provide a more diverse knowledge base.

Technology Accreditation Canada (TAC) delivers accreditation services for the engineering technology and applied science profession in Canada. As such, it is beneficial to design the program in compliance with the Technology Accreditation Canada (TAC), so that Graduates are fast tracked to professional Status by provincial professional regulators.

**2. How this new course fits into program(s):**

The new course will cover point (a), (b), (c) and (e) of the five core competencies required for second year options i.e. Automation & Robotics, and Digital Manufacturing. The core competencies required are:

- a) Demonstrate strong computer skills, including the ability to learn and use software applications on one's own, or with minimal guidance.
- b) Operate tools, equipment or technologies that are broadly used for the purposes of production, analysis, troubleshooting, or extending reach.
- c) Apply analytical reasoning skills to processes such as troubleshooting, synthesis, extrapolations and forecasting.
- d) Employ fundamental arithmetical/mathematical skills working with basic quantities, formulas, graphs and charts in order to integrate parts and components into particular application.
- e) Formulate questions and solutions through a process of problem-solving that involves reasonably complex components.

**3. Explain how the course learning outcomes align with the learning outcomes of the program(s):**

The course is aligned with the learning outcomes of the program with objective of getting accreditation from TAC. Upon completion of this program, students will be able to meet ASTTBC Electronics Technologist Accreditation requirements. \*

Course meets majority of Learning Outcomes Indicators (LOI's) for one of the five Program Discipline Learning Outcome (PDLO's) and one of eight Program General Learning Outcomes (PGLO's) required.

**GY07 Computer Knowledge: Use a variety of appropriate computer hardware and software necessary to the performance of tasks within the discipline.**

**ELOTY05 Micro-Processor / Micro-Controller: Diagnose, specify, select, design, and construct, micro-processor or micro-controller based systems.**

**4. Will this course be required by any program beyond the discipline? If so, how will this course affect that program or programs?**

No, this is not required by any program beyond the discipline.

**5. Which program areas have been consulted about the course?**

ASTTBC has been consulted.

**From:** Charles Joyner [<mailto:cjoyner@asttbc.org>]  
**Sent:** September-13-19 2:01 PM  
**To:** Avner Bachar  
**Cc:** Jason Jung, ASCT  
**Subject:** Program Accreditation requirements

Hello Avner: Accreditation of technology education programs is done by Technology Accreditation Canada (TAC). The standards, criteria and process for accrediting a program are available on the TAC website <http://www.technologyaccreditation.ca/Landing>. Perhaps the most informative document regarding the process is the National Program Accreditation Manual for Administrators. <http://www.technologyaccreditation.ca/National-Accreditation/Application>. TAC is now at version 8 of the manual so be sure you use the most current manual when preparing for accreditation.

Regarding the general competencies or general learning outcomes, whatever standard is in place at the time you apply for accreditation should be the standard the audit team will apply to when conducting an audit. The general learning outcomes (GLO) for technicians are quite different from technologists. Be sure to review the indicators for the project coordination or project management learning outcome. For Technologist level programs a significant learning outcome is the Capstone Project technical report. That is GLO 01 for technologists.

Warmest regards, Charles



Charles Joyner, ASCT,  
 BEd, MA  
 Registrar  
 604.585.2788 ext 235



This e-mail and any attachments may contain information that is privileged, confidential, or otherwise exempt from disclosure under applicable laws and is intended only for the named recipients. If you have received this email in error, please notify the sender and destroy the email.

**6. If a new discipline designation is required, explain why:**

Not applicable.

7. What consideration has been given to indigenizing the curriculum?

Not applicable.

8. If this course is not eligible for PLAR, explain why:

All the courses are eligible for PLAR.

9. Explain how each of the following will affect the budget for your area or any other area:

a. **Credit value:** No effect on budget.

b. **Class size limit:**

Lectures: Maximum of 20 Students (one section per course)

Labs: Maximum of 20 Students (one section per course)

(See financial analysis)

c. **Frequency of offering** Once per year. No effect on budget.

d. **Resources required (labs, equipment)** No effect on budget

|                           |                     | Instructional Resources | Lab                                                                                                                                                   |                                                            |            |
|---------------------------|---------------------|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|------------|
|                           | Course Name         |                         | Equipment / Facilities                                                                                                                                | Software                                                   | Consumable |
| FIRST YEAR TERM 1 COURSES |                     |                         |                                                                                                                                                       |                                                            |            |
| ELTR 252                  | Microcontrollers II | Internal                | Any computer lab<br>Uno R3<br>Microcontrollers (Arduino compatible)<br>Microcontroller accessories / shields (ethernet, LCD screen, etc)<br>Computers | Microcontroller/programming IDE software (e.g Arduino IDE) |            |

10. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) How are the trips funded?

No

11. Estimate of the typical costs for this course, including textbooks and other materials:

Textbook cost: \$57.44



ORIGINAL COURSE IMPLEMENTATION DATE: September 2020  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED (six years after UEC approval): January 2026  
 Course outline form version: 05/18/2018

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

Note: The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                               |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|---------------------|--|-----------------------------|----|--------------------------------------------------------------|--|------------------------------|--|----------------------|--|--------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> ELTR 252                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                        |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Course Full Title:</b> Microcontrollers II<br><b>Course Short Title:</b> Microcontrollers II<br><i>(Transcripts only display 30 characters. Departments may recommend a short title if one is needed. If left blank, one will be assigned.)</i>                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                                                                                                                                                                                                                                               |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Faculty:</b> Faculty of Applied and Technical Studies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | <b>Department (or program if no department):</b> Electronics                                                                                                                                                                                  |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Calendar Description:</b><br>Learn to operate LCD screens, servos and stepper motors with the ATmega328 Microcontroller. Students will learn to integrate the microcontroller with a variety of sub-systems and write programs to interpret analog or digital inputs from sensors (ultrasonic, light, and heat sensors).                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                               |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | ELTR 202.                                                                                                                                                                                                                                     |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | NONE                                                                                                                                                                                                                                          |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | NONE                                                                                                                                                                                                                                          |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Antirequisite Courses</b> <i>(Cannot be taken for additional credit.)</i><br>Former course code/number:<br>Cross-listed with:<br>Dual-listed with:<br>Equivalent course(s):<br><i>(If offered in the previous five years, antirequisite course(s) will be included in the calendar description as a note that students with credit for the antirequisite course(s) cannot take this course for further credit.)</i>                                                                                                                                                                                                                                                        |           | <b>Special Topics</b> <i>(Double-click on boxes to select.)</i><br>This course is offered with different topics:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, topic will be recorded when offered.)</i> |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | Lecture/seminar hours                                                                                                                                                                                                                         | 30 |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | Tutorials/workshops                                                                                                                                                                                                                           |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| Supervised laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 15        |                                                                                                                                                                                                                                               |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| Experiential (field experience, practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |                                                                                                                                                                                                                                               |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| Supervised online activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |                                                                                                                                                                                                                                               |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                               |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Total hours</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>45</b> |                                                                                                                                                                                                                                               |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Transfer Credit</b><br>Transfer credit already exists: (See <a href="http://bctransferguide.ca">bctransferguide.ca</a> )<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes<br>Submit outline for (re)articulation:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, fill in transfer credit form.)</i>                                                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                                               |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Grading System</b><br><input checked="" type="checkbox"/> Letter Grades <input type="checkbox"/> Credit/No Credit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                               |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| Labs to be scheduled independent of lecture hours: <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | <b>Maximum enrolment (for information only):</b> 20<br><b>Expected Frequency of Course Offerings:</b><br>Winter only <i>(Every semester, Fall only, annually, etc.)</i>                                                                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Department / Program Head or Director:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | <b>Date approved:</b> November 2019                                                                                                                                                                                                           |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | <b>Date approved:</b> November 14, 2019                                                                                                                                                                                                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Dean/Associate VP:</b> John English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | <b>Date approved:</b> November 14, 2019                                                                                                                                                                                                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           | <b>Date of posting:</b> January 17, 2020                                                                                                                                                                                                      |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | <b>Date of meeting:</b> January 31, 2020                                                                                                                                                                                                      |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |

ELTR 252

University of the Fraser Valley Official Undergraduate Course Outline

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## Learning Outcomes

Upon successful completion of this course, students will be able to:

- Read and understand code written in C.
- Operate the Arduino IDE software.
- Write programs in C that employ variables, arrays, loops, conditionals, pointers and functions.
- Integrate the ATmega328 microcontroller (Arduino) with a variety of sub-systems (shields).
- Use the C programming language and the ATmega328 microcontroller to operate LCD screens.
- Use the C programming language and the ATmega328 microcontroller to operate servos and stepper motors.
- Write a program that interprets analog and/or digital inputs in order to operate external devices using analog and/or digital outputs.
- Use the C programming language and the ATmega328 microcontroller to interpret signals from ultrasonic, light, and heat sensors.

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes      ☐ No, PLAR cannot be awarded for this course because

## Typical Instructional Methods *(Guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion.)*

Lecture and Lab Work

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

## Typical Text(s) and Resource Materials *(If more space is required, download Supplemental Texts and Resource Materials form.)*

| Author (surname, initials) | Title (article, book, journal, etc.) | Current ed.                         | Publisher | Year |
|----------------------------|--------------------------------------|-------------------------------------|-----------|------|
| 1. Delores M. Etter        | Engineering Problem Solving with C   | <input checked="" type="checkbox"/> | Pearson   | 2012 |
| 2.                         |                                      | <input type="checkbox"/>            |           |      |
| 3.                         |                                      | <input type="checkbox"/>            |           |      |
| 4.                         |                                      | <input type="checkbox"/>            |           |      |
| 5.                         |                                      | <input type="checkbox"/>            |           |      |

## Required Additional Supplies and Materials *(Software, hardware, tools, specialized clothing, etc.)*

## Typical Evaluation Methods and Weighting

|                |     |              |     |                   |   |            |      |
|----------------|-----|--------------|-----|-------------------|---|------------|------|
| Final exam:    | 30% | Assignments: | 20% | Field experience: |   | Portfolio: | %    |
| Midterm exam:  | %   | Project:     | %   | Practicum:        | % | Other:     | %    |
| Quizzes/tests: | 20% | Lab work:    | 30% | Shop work:        | % | Total:     | 100% |

## Details (if necessary):

## Typical Course Content and Topics

- Intermediate programming concepts in C
- Hardware interface: shields and sub-system circuits
- Hardware interface: LCD screens
- Hardware interface: servos and stepper motor controllers
- Hardware interface: sensors - ultrasonic, light, and heat
- Hardware interface: relays and higher voltage systems
- Hardware interface: ethernet and wireless communications

**Memo for New Course**

To: Faculty of Applied & Technical Studies Curriculum Committee

From: Kulwinderjeet Sivia, Trevor Murray

Date:

**Subject: ELTR 261 Programmable Logic Controller II**

**1. Rationale for new course:**

The Electronics Common Core (ECC) program will be re-designed in such a way that we are better positioned to attract students to the program, as well as prepare and support them for employment in the field. The concepts covered in ECC, while relevant, are covered to a degree that is excessive for what is required in second-year programs and in the industry. By reducing some of the depth in these topics, time can be spent on other topics which will provide a more diverse knowledge base.

Technology Accreditation Canada (TAC) delivers accreditation services for the engineering technology and applied science profession in Canada. As such, it is beneficial to design the program in compliance with the Technology Accreditation Canada (TAC), so that Graduates are fast tracked to professional Status by provincial professional regulators.

**2. How this new course fits into program(s):**

The new course will cover point (a), (b), (c) and (e) of the five core competencies required for second year options i.e. Automation & Robotics, and Digital Manufacturing. The core competencies required are:

- a) Demonstrate strong computer skills, including the ability to learn and use software applications on one's own, or with minimal guidance.
- b) Operate tools, equipment or technologies that are broadly used for the purposes of production, analysis, troubleshooting, or extending reach.
- c) Apply analytical reasoning skills to processes such as troubleshooting, synthesis, extrapolations and forecasting.
- d) Employ fundamental arithmetical/mathematical skills working with basic quantities, formulas, graphs and charts in order to integrate parts and components into particular application.
- e) Formulate questions and solutions through a process of problem-solving that involves reasonably complex components.

**3. Explain how the course learning outcomes align with the learning outcomes of the program(s):**

The course is aligned with the learning outcomes of the program with objective of getting accreditation from TAC. Upon completion of this program, students will be able to meet ASTTBC Electronics Technologist Accreditation requirements. \*

Course meets majority of Learning Outcomes Indicators (LOI's) for one of the five Program Discipline Learning Outcome (PDLO's) and one of eight Program General Learning Outcomes (PGLO's) required.

**GY07 Computer Knowledge: Use a variety of appropriate computer hardware and software necessary to the performance of tasks within the discipline.**

**ELOTY08 Automated Control Systems: Diagnose, specify, select, design, construct, and commission automated control systems for industrial applications.**

**4. Will this course be required by any program beyond the discipline? If so, how will this course affect that program or programs?**

No, this is not required by any program beyond the discipline.

**5. Which program areas have been consulted about the course?**

ASTTBC has been consulted.

**From:** Charles Joyner [<mailto:cjoyner@asttbc.org>]  
**Sent:** September-13-19 2:01 PM  
**To:** Avner Bachar  
**Cc:** Jason Jung, ASCT  
**Subject:** Program Accreditation requirements

Hello Avner: Accreditation of technology education programs is done by Technology Accreditation Canada (TAC). The standards, criteria and process for accrediting a program are available on the TAC website <http://www.technologyaccreditation.ca/Landing>. Perhaps the most informative document regarding the process is the National Program Accreditation Manual for Administrators. <http://www.technologyaccreditation.ca/National-Accreditation/Application>. TAC is now at version 8 of the manual so be sure you use the most current manual when preparing for accreditation.

Regarding the general competencies or general learning outcomes, whatever standard is in place at the time you apply for accreditation should be the standard the audit team will apply to when conducting an audit. The general learning outcomes (GLO) for technicians are quite different from technologists. Be sure to review the indicators for the project coordination or project management learning outcome. For Technologist level programs a significant learning outcome is the Capstone Project technical report. That is GLO 01 for technologists.

Warmest regards, Charles



Charles Joyner, ASCT,  
 BEd, MA  
 Registrar  
 604.585.2788 ext 235



This e-mail and any attachments may contain information that is privileged, confidential, or otherwise exempt from disclosure under applicable laws and is intended only for the named recipients. If you have received this email in error, please notify the sender and destroy the email.

**6. If a new discipline designation is required, explain why:**

Not applicable.

7. What consideration has been given to indigenizing the curriculum?

Not applicable.

8. If this course is not eligible for PLAR, explain why:

All the courses are eligible for PLAR.

9. Explain how each of the following will affect the budget for your area or any other area:

a. **Credit value:** No effect on budget.

b. **Class size limit:**

Lectures: Maximum of 20 Students (one section per course)

Labs: Maximum of 20 Students (one section per course)

(See financial analysis)

c. **Frequency of offering** Once per year. No effect on budget.

d. **Resources required (labs, equipment)** No effect on budget.

|                           |                                   | Instructional Resources | Lab                                                                                    |                                            |            |
|---------------------------|-----------------------------------|-------------------------|----------------------------------------------------------------------------------------|--------------------------------------------|------------|
|                           | Course Name                       |                         | Equipment / Facilities                                                                 | Software                                   | Consumable |
| FIRST YEAR TERM 1 COURSES |                                   |                         |                                                                                        |                                            |            |
| ELTR 261                  | Programmable Logic Controllers II | Internal                | Automation Lab<br>PLC Kits<br>Electromechanical / electropneumatic stations<br>Laptops | PLC Interface software (ABB, Siemens, etc) |            |

10. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) How are the trips funded?

No

11. Estimate of the typical costs for this course, including textbooks and other materials:

No textbook is required.


**ORIGINAL COURSE IMPLEMENTATION DATE:** September 2020

**REVISED COURSE IMPLEMENTATION DATE:**
**COURSE TO BE REVIEWED** (six years after UEC approval): January 2026

**Course outline form version:** 05/18/2018

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----|---------------------|--|-----------------------------|----|--------------------------------------------------------------|--|------------------------------|--|----------------------|--|--------------------|-----------|
| <b>Course Code and Number:</b> ELTR 261                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Course Full Title:</b> Programmable Logic Controllers II<br><b>Course Short Title:</b> PLC II<br><i>(Transcripts only display 30 characters. Departments may recommend a short title if one is needed. If left blank, one will be assigned.)</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Faculty:</b> Faculty of Applied and Technical Studies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Department (or program if no department):</b> Electronics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Calendar Description:</b><br>Learn to assemble, test, debug, and operate PLC integrations with electro-pneumatic and electro-mechanical systems. Students will learn to read and interpret ladder logic diagrams and sequential function charts. Project-based learning where students get exposure to the safe work practices and design machine control programs and integrate systems.                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ELTR 211.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Antirequisite Courses</b> <i>(Cannot be taken for additional credit.)</i><br>Former course code/number:<br>Cross-listed with:<br>Dual-listed with:<br>Equivalent course(s):<br><i>(If offered in the previous five years, antirequisite course(s) will be included in the calendar description as a note that students with credit for the antirequisite course(s) cannot take this course for further credit.)</i>                                                                                                                                                                                                                                                                             | <b>Special Topics</b> <i>(Double-click on boxes to select.)</i><br>This course is offered with different topics:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, topic will be recorded when offered.)</i><br><b>Independent Study</b><br>If offered as an Independent Study course, this course may be repeated for further credit: <i>(If yes, topic will be recorded.)</i><br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><b>Transfer Credit</b><br>Transfer credit already exists: (See <a href="#">bctransferguide.ca</a> )<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes<br>Submit outline for (re)articulation:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, fill in transfer credit form.)</i><br><b>Grading System</b><br><input checked="" type="checkbox"/> Letter Grades <input type="checkbox"/> Credit/No Credit<br><b>Maximum enrolment (for information only):</b> 20<br><b>Expected Frequency of Course Offerings:</b><br>Winter only <i>(Every semester, Fall only, annually, etc.)</i> |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Typical Structure of Instructional Hours</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr> <td>Lecture/seminar hours</td> <td style="text-align: center;">30</td> </tr> <tr> <td>Tutorials/workshops</td> <td></td> </tr> <tr> <td>Supervised laboratory hours</td> <td style="text-align: center;">15</td> </tr> <tr> <td>Experiential (field experience, practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Supervised online activities</td> <td></td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td style="text-align: right;"><b>Total hours</b></td> <td style="text-align: center;"><b>45</b></td> </tr> </table> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Lecture/seminar hours | 30 | Tutorials/workshops |  | Supervised laboratory hours | 15 | Experiential (field experience, practicum, internship, etc.) |  | Supervised online activities |  | Other contact hours: |  | <b>Total hours</b> | <b>45</b> |
| Lecture/seminar hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| Tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| Supervised laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| Experiential (field experience, practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| Supervised online activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Total hours</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>45</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| Labs to be scheduled independent of lecture hours: <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Department / Program Head or Director:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Date approved:</b> November 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Date approved:</b> November 14, 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Dean/Associate VP:</b> John English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Date approved:</b> November 14, 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Date of posting:</b> January 17, 2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Date of meeting:</b> January 31, 2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |

ELTR 261

University of the Fraser Valley Official Undergraduate Course Outline

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## Learning Outcomes

Upon successful completion of this course, students will be able to:

- Assemble, test, debug, and operate programmable logic controller integrations with electropneumatic and electro-mechanical systems.
- Design, develop, test, and implement basic programmable logic controller systems to solve applied technical problem.
- Read and interpret ladder logic diagrams, sequential function charts, and related programs.
- Convert programs and diagrams between ladder logic, function block, and sequential flow charts.
- Employ programmable logic controller programs to control machines and processes typically used in agricultural and industrial applications.
- Employ safety-oriented methods and processes to the design of machine control programs and integrations.

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes      ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods** (*Guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion.*)

Lecture and Lab Work

**NOTE:** The following sections may vary by instructor. Please see course syllabus available from the instructor.

## Typical Text(s) and Resource Materials (*If more space is required, download Supplemental Texts and Resource Materials form.*)

| Author (surname, initials) | Title (article, book, journal, etc.)                | Current ed.                         | Publisher | Year |
|----------------------------|-----------------------------------------------------|-------------------------------------|-----------|------|
| 1. No textbook required    | Worksheets and lecture notes provided by Instructor | <input checked="" type="checkbox"/> |           |      |
| 2.                         |                                                     | <input type="checkbox"/>            |           |      |
| 3.                         |                                                     | <input type="checkbox"/>            |           |      |
| 4.                         |                                                     | <input type="checkbox"/>            |           |      |
| 5.                         |                                                     | <input type="checkbox"/>            |           |      |

## Required Additional Supplies and Materials (*Software, hardware, tools, specialized clothing, etc.*)

## Typical Evaluation Methods and Weighting

|                |     |              |     |                   |   |            |      |
|----------------|-----|--------------|-----|-------------------|---|------------|------|
| Final exam:    | %   | Assignments: | %   | Field experience: |   | Portfolio: | %    |
| Midterm exam:  | %   | Project:     | 40% | Practicum:        | % | Other:     | %    |
| Quizzes/tests: | 30% | Lab work:    | 30% | Shop work:        | % | Total:     | 100% |

## Details (if necessary):

## Typical Course Content and Topics

- Intermediate function block diagram programming
- Safety-oriented design and implementation
- Reading analog inputs, controlling analog outputs
- Sequential function chart programming
- Ladder logic diagram programming
- Program conversion (function block/ladder/sequential)


**ORIGINAL COURSE IMPLEMENTATION DATE:** September 2020

**REVISED COURSE IMPLEMENTATION DATE:**
**COURSE TO BE REVIEWED** (six years after UEC approval): January 2026

**Course outline form version:** 05/18/2018

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----|---------------------|--|-----------------------------|----|--------------------------------------------------------------|--|------------------------------|--|----------------------|--|--------------------|-----------|
| <b>Course Code and Number:</b> ELTR 220                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Course Full Title:</b> Statistics for Electronics<br><b>Course Short Title:</b><br><i>(Transcripts only display 30 characters. Departments may recommend a short title if one is needed. If left blank, one will be assigned.)</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Faculty:</b> Faculty of Applied and Technical Studies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Department (or program if no department):</b> Electronics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Calendar Description:</b><br>An introduction to the theory and practice of statistics for engineering. Students are introduced to the concepts of survey sampling, graphical and numerical descriptive statistics, elementary probability rules, random variables, probability distributions, jointly distributed random variables and their distributions, single and two sample inferences for mean and proportion, regression analysis, and experimental designs. Learn techniques applied to solve real world engineering problems and understand the concepts behind them. Introduction to the fundamentals of statistical process control.                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ELTR 100, ELTR 130, ELTR 150, and ELTR 190.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Antirequisite Courses</b> <i>(Cannot be taken for additional credit.)</i><br>Former course code/number:<br>Cross-listed with:<br>Dual-listed with:<br>Equivalent course(s):<br><i>(If offered in the previous five years, antirequisite course(s) will be included in the calendar description as a note that students with credit for the antirequisite course(s) cannot take this course for further credit.)</i>                                                                                                                                                                                                                                                                                            | <b>Special Topics</b> <i>(Double-click on boxes to select.)</i><br>This course is offered with different topics:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, topic will be recorded when offered.)</i><br><b>Independent Study</b><br>If offered as an Independent Study course, this course may be repeated for further credit: <i>(If yes, topic will be recorded.)</i><br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><b>Transfer Credit</b><br>Transfer credit already exists: <i>(See <a href="#">bctransferguide.ca</a>.)</i><br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes<br>Submit outline for (re)articulation:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, fill in transfer credit form.)</i><br><b>Grading System</b><br><input checked="" type="checkbox"/> Letter Grades <input type="checkbox"/> Credit/No Credit<br><b>Maximum enrolment (for information only):</b> 20<br><b>Expected Frequency of Course Offerings:</b><br>Fall only <i>(Every semester, Fall only, annually, etc.)</i> |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Typical Structure of Instructional Hours</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">Lecture/seminar hours</td> <td style="width: 20%; text-align: center;">30</td> </tr> <tr> <td>Tutorials/workshops</td> <td></td> </tr> <tr> <td>Supervised laboratory hours</td> <td style="text-align: center;">15</td> </tr> <tr> <td>Experiential (field experience, practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Supervised online activities</td> <td></td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td style="text-align: right;"><b>Total hours</b></td> <td style="text-align: center;"><b>45</b></td> </tr> </table> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Lecture/seminar hours | 30 | Tutorials/workshops |  | Supervised laboratory hours | 15 | Experiential (field experience, practicum, internship, etc.) |  | Supervised online activities |  | Other contact hours: |  | <b>Total hours</b> | <b>45</b> |
| Lecture/seminar hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| Tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| Supervised laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| Experiential (field experience, practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| Supervised online activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Total hours</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>45</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| Labs to be scheduled independent of lecture hours: <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Department / Program Head or Director:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Date approved:</b> November 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Date approved:</b> November 14, 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Dean/Associate VP:</b> John English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Date approved:</b> November 14, 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Date of posting:</b> January 17, 2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Date of meeting:</b> January 31, 2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       |    |                     |  |                             |    |                                                              |  |                              |  |                      |  |                    |           |

ELTR 220

University of the Fraser Valley Official Undergraduate Course Outline

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## Learning Outcomes

Upon successful completion of this course, students will be able to:

- Analyze and solve engineering technology/applied science problems applying statistics and statistical processes.
- Organize data collection, specifying sampling methods, collecting, evaluating, and reporting data.
- Solve basic problems involving probability and conditional probability including total law of probability, Bayes Theorem.
- Develop sampling distributions, utilizing normal probability distribution and central limit theorem.
- Compare and analyze distribution of discrete and continuous random variables.
- Conclude confidence intervals for population mean and population proportion then determine and/or utilize relationships with respect to sample size and population variability.
- Use of p values for decision making in testing hypotheses for population mean and population proportion in single and two sample procedures.
- Identify type I and type II errors and calculate power in testing hypotheses.
- Analyze and solve technical problems and linear relationships through the application of the principles of linear regression and correlation.
- Analyze and solve quality assurance problems through the application of techniques such as control charting and acceptance sampling.
- Develop statistical experimental designs for methods of random sampling with selection of treatments and blocking.
- Analyze and solve technical problems utilizing chi-square tests.

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes      ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods** (*Guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion.*)

Lectures mixed with sessions in computer lab. Note that statistical packages such as Minitab are used in the computer lab

**NOTE:** The following sections may vary by instructor. Please see course syllabus available from the instructor.

## Typical Text(s) and Resource Materials (*If more space is required, download Supplemental Texts and Resource Materials form.*)

| Author (surname, initials) | Title (article, book, journal, etc.)             | Current ed.                         | Publisher           | Year |
|----------------------------|--------------------------------------------------|-------------------------------------|---------------------|------|
| 1. Douglas C. Montgomery   | Applied Statistics and Probability for engineers | <input checked="" type="checkbox"/> | John Wiley and Sons | 2002 |
| 2.                         |                                                  | <input type="checkbox"/>            |                     |      |
| 3.                         |                                                  | <input type="checkbox"/>            |                     |      |
| 4.                         |                                                  | <input type="checkbox"/>            |                     |      |
| 5.                         |                                                  | <input type="checkbox"/>            |                     |      |

**Required Additional Supplies and Materials** (*Software, hardware, tools, specialized clothing, etc.*) *a graphing calculator is required*

## Typical Evaluation Methods and Weighting

|                |     |              |     |                   |   |            |      |
|----------------|-----|--------------|-----|-------------------|---|------------|------|
| Final exam:    | 40% | Assignments: | %   | Field experience: |   | Portfolio: | %    |
| Midterm exam:  | 30% | Project:     |     | Practicum:        | % | Other:     | %    |
| Quizzes/tests: | 10% | Lab work:    | 20% | Shop work:        | % | Total:     | 100% |

**Details (if necessary):**

## Typical Course Content and Topics

- Probability
- Discrete random variables and their probability distributions
- Continuous random variables and their probability distributions
- Random sampling and data description
- Simple linear regression and correlation analysis
- Multiple linear regression
- Statistical quality control

**Memo for New Course**

To: Faculty of Applied & Technical Studies Curriculum Committee

From: Kulwinderjeet Sivia, Trevor Murray

Date:

**Subject: ELTR 230 Electrical Machines, Principles, Application and Control**

**1. Rationale for new course:**

The Electronics Common Core (ECC) program will be re-designed in such a way that we are better positioned to attract students to the program, as well as prepare and support them for employment in the field. The concepts covered in ECC, while relevant, are covered to a degree that is excessive for what is required in second-year programs and in the industry. By reducing some of the depth in these topics, time can be spent on other topics which will provide a more diverse knowledge base.

Technology Accreditation Canada (TAC) delivers accreditation services for the engineering technology and applied science profession in Canada. As such, it is beneficial to design the program in compliance with the Technology Accreditation Canada (TAC), so that Graduates are fast tracked to professional Status by provincial professional regulators.

**2. How this new course fits into program(s):**

The new course will cover point (b), (c) and (e) of the five core competencies required for second year options i.e. Automation & Robotics and Digital Manufacturing. The core competencies required are:

- a) Demonstrate strong computer skills, including the ability to learn and use software applications on one's own, or with minimal guidance.
- b) Operate tools, equipment or technologies that are broadly used for the purposes of production, analysis, troubleshooting, or extending reach.
- c) Apply analytical reasoning skills to processes such as troubleshooting, synthesis, extrapolations and forecasting.
- d) Employ fundamental arithmetical/mathematical skills working with basic quantities, formulas, graphs and charts in order to integrate parts and components into particular application.
- e) Formulate questions and solutions through a process of problem-solving that involves reasonably complex components.

3. Explain how the course learning outcomes align with the learning outcomes of the program(s):

The course is aligned with the learning outcomes of the program with objective of getting accreditation from TAC. Upon completion of this program, students will be able to meet ASTTBC Electronics Technologist Accreditation requirements. \*

This course meets the majority of Learning Outcomes Indicators (LOI's) for one of the eight Program General Learning Outcomes (PGLO's) required.

**GY08 Health and Safety: Analyze, interpret and assess best practices to ensure a safe and healthy working environment for oneself and colleagues.**

4. Will this course be required by any program beyond the discipline? If so, how will this course affect that program or programs?

No, this is not required by any program beyond the discipline.

5. Which program areas have been consulted about the course?

ASTTBC has been consulted.

**From:** Charles Joyner [<mailto:cjoyner@asttbc.org>]  
**Sent:** September-13-19 2:01 PM  
**To:** Avner Bachar  
**Cc:** Jason Jung, ASCT  
**Subject:** Program Accreditation requirements

Hello Avner: Accreditation of technology education programs is done by Technology Accreditation Canada (TAC). The standards, criteria and process for accrediting a program are available on the TAC website <http://www.technologyaccreditation.ca/Landing>. Perhaps the most informative document regarding the process is the National Program Accreditation Manual for Administrators. <http://www.technologyaccreditation.ca/National-Accreditation/Application>. TAC is now at version 8 of the manual so be sure you use the most current manual when preparing for accreditation.

Regarding the general competencies or general learning outcomes, whatever standard is in place at the time you apply for accreditation should be the standard the audit team will apply to when conducting an audit. The general learning outcomes (GLO) for technicians are quite different from technologists. Be sure to review the indicators for the project coordination or project management learning outcome. For Technologist level programs a significant learning outcome is the Capstone Project technical report. That is GLO 01 for technologists.

Warmest regards, Charles



Charles Joyner, ASCT,  
BEd, MA  
Registrar  
604.585.2788 ext 235



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6. If a new discipline designation is required, explain why:

Not applicable.

7. What consideration has been given to indigenizing the curriculum?

Not applicable.

8. If this course is not eligible for PLAR, explain why:

All the courses are eligible for PLAR.

9. Explain how each of the following will affect the budget for your area or any other area:

a. **Credit value:** No effect on budget.

b. **Class size limit:**

Lectures: Maximum of 20 Students (one section per course)

Labs: Maximum of 20 Students (one section per course)

(See financial analysis)

c. **Frequency of offering** Once per year. No effect on budget.

d. **Resources required (labs, equipment)** No effect on budget.

|                           |                                                        | Instructional Resources | Lab                                                   |          |            |
|---------------------------|--------------------------------------------------------|-------------------------|-------------------------------------------------------|----------|------------|
|                           | Course Name                                            |                         | Equipment / Facilities                                | Software | Consumable |
| FIRST YEAR TERM 1 COURSES |                                                        |                         |                                                       |          |            |
| ELTR 230                  | Electrical Machines: Principles, Application & Control | Internal                | Automation Lab<br>Electrical Lab<br>Lab-Volt Stations |          |            |

10. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) How are the trips funded?

No

11. Estimate of the typical costs for this course, including textbooks and other materials:

No textbook is required.

# MEMO



To: UEC

From: Ben Vanderlei, Program Working Group Chair

Cc: Lucy Lee, Dean, Faculty of Science; Bruce Kirkley, Assoc. Director, Program Development and Quality Assurance

Date: January 22, 2020

Re: Proposed Certificate in Applied Bioinformatics

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On behalf of the Certificate in Applied Bioinformatics Program Working Group, please accept the following attachments as part of the submission to UEC for the January 31, 2020 meeting:

- Proposal for the Certificate in Applied Bioinformatics
- Calendar copy
- New course outlines for BIO 333 and BIO 433
- Email confirmation of prerequisites for COMP 230 from Talia Q, Computer Information Systems department head
- Response to UEC Screening Comments Addendum.

This proposal was reviewed and approved by FSCC on December 13, 2019 and the SFC on January 10, 2020. Responses to the UEC Screening comments from the January 9 meeting are included. The proposal was sent to campus-wide consultation for information on January 22, 2020.

**Note:** The program proposal and calendar copy are available in *S:\Groups\UEC\2020-01-31 Applied Bioinformatics*.

**Program Summary:**

The Certificate in Applied Bioinformatics is a 28-credit program designed to be completed concurrently with a Biology or Computing Science major in the Bachelor of Science. Bioinformatics is an interdisciplinary field with a central focus on using large datasets, together with an array of computational and statistical methods, to gain insight into biological questions. The rapid increase in available data and advances in computing power will mean an increased demand for people with the skills to process data, perform analysis, and interpret results in biological terms. The program is designed to provide students with a strong background in genomics, including the study of methods to obtain, assemble and annotate genomic sequences. Students will also gain the skills necessary to create advanced databases, algorithms, and computational and statistical techniques to allow for the efficient study of large sets of biosequences, and functional, structural and evolutionary relatedness of genes or

species. Funding for this program was approved by the Ministry of Advanced Education, Skills and Training as part of the Tech Expansion initiative.

**Program Working Group:**

Ben Vanderlei, PhD, PWG Chair, Associate Professor, Mathematics and Statistics

James Bedard, PhD, Associate Professor, Biology (on sabbatical)

Nathan Bialas, PhD, Assistant Professor, Biology

Longlong Huang, PhD, Assistant Professor, Mathematics and Statistics

Carl Janzen, DSc, Assistant Professor, Computer Information Systems

Gabriel Murray, PhD, Associate Professor, Computer Information Systems (on sabbatical)

Shaun Zheng Sun, PhD, Assistant Professor, Mathematics and Statistics

**Concept Paper:**

The concept paper for the Certificate in Applied Bioinformatics was approved in the 2019 Program Report and Plan at the June 14, 2019 meeting of the UFV Board of Governors.



ORIGINAL COURSE IMPLEMENTATION DATE: September 2020  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED (six years after UEC approval): January 2026  
 Course outline form version: 05/18/2018

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

Note: The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----|---------------------|----|-----------------------------|--|--------------------------------------------------------------|--|------------------------------|--|----------------------|--|--------------------|-----------|
| <b>Course Code and Number:</b> BIO 333                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Course Full Title:</b> Bioinformatics I<br><b>Course Short Title:</b><br><i>(Transcripts only display 30 characters. Departments may recommend a short title if one is needed. If left blank, one will be assigned.)</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Faculty:</b> Faculty of Science                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Department (or program if no department):</b> Biology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Calendar Description:</b><br>An introduction to major concepts in bioinformatics. Students will use both classroom and computer-based methods to explore how genomic and proteomic data is obtained, assembled, and analyzed. Students will be introduced to software and databases used in bioinformatic analysis.                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | BIO 220.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Antirequisite Courses</b> <i>(Cannot be taken for additional credit.)</i><br>Former course code/number:<br>Cross-listed with:<br>Dual-listed with:<br>Equivalent course(s):<br><i>(If offered in the previous five years, antirequisite course(s) will be included in the calendar description as a note that students with credit for the antirequisite course(s) cannot take this course for further credit.)</i>                                                                                                                                                                                                                                                                                            | <b>Special Topics</b> <i>(Double-click on boxes to select.)</i><br>This course is offered with different topics:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, topic will be recorded when offered.)</i><br><b>Independent Study</b><br>If offered as an Independent Study course, this course may be repeated for further credit: <i>(If yes, topic will be recorded.)</i><br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><b>Transfer Credit</b><br>Transfer credit already exists: <i>(See <a href="#">bctransferguide.ca</a>.)</i><br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes<br>Submit outline for (re)articulation:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, fill in transfer credit form.)</i><br><b>Grading System</b><br><input checked="" type="checkbox"/> Letter Grades <input type="checkbox"/> Credit/No Credit<br><b>Maximum enrolment (for information only):</b> 24<br><b>Expected Frequency of Course Offerings:</b><br>annually <i>(Every semester, Fall only, annually, etc.)</i> |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Typical Structure of Instructional Hours</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">Lecture/seminar hours</td> <td style="width: 20%; text-align: center;">25</td> </tr> <tr> <td>Tutorials/workshops</td> <td style="text-align: center;">20</td> </tr> <tr> <td>Supervised laboratory hours</td> <td></td> </tr> <tr> <td>Experiential (field experience, practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Supervised online activities</td> <td></td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td style="text-align: right;"><b>Total hours</b></td> <td style="text-align: center;"><b>45</b></td> </tr> </table> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Lecture/seminar hours | 25 | Tutorials/workshops | 20 | Supervised laboratory hours |  | Experiential (field experience, practicum, internship, etc.) |  | Supervised online activities |  | Other contact hours: |  | <b>Total hours</b> | <b>45</b> |
| Lecture/seminar hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| Tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| Supervised laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| Experiential (field experience, practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| Supervised online activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Total hours</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>45</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| Labs to be scheduled independent of lecture hours: <input type="checkbox"/> No <input type="checkbox"/> Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Department / Program Head or Director:</b> Anthony Stea                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>Date approved:</b> December 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Date approved:</b> December 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Dean/Associate VP:</b> Lucy Lee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Date approved:</b> December 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Date of posting:</b> January 17, 2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Date of meeting:</b> January 31, 2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |

**BIO 333**
**University of the Fraser Valley Official Undergraduate Course Outline**
**Page 2 of 2**
**Learning Outcomes:**

Upon successful completion of this course, students will be able to:

- Evaluate and compare current and historical biological databases.
- Create sequence alignments using bioinformatic software to compare genetic and proteomic structure for biological macromolecules.
- Examine the information contained within DNA sequences using bioinformatic software to identify the presence of important regions (such as gene and pseudogene regions).
- Analyze groups of sequences from different organisms and predict evolutionary relationships using statistical methods.

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes      ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods** (*Guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion.*)

Lectures, laboratory exercises and reports, problem sets.

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials** (*If more space is required, download Supplemental Texts and Resource Materials form.*)

| Author (surname, initials) | Title (article, book, journal, etc.) | Current ed.                         | Publisher | Year |
|----------------------------|--------------------------------------|-------------------------------------|-----------|------|
| 1. Lesk                    | Introduction to Bioinformatics       | <input checked="" type="checkbox"/> | Oxford UP | 2013 |
| 2. Xiong                   | Essential Bioinformatics             | <input checked="" type="checkbox"/> | Cambridge | 2006 |
| 3.                         |                                      | <input type="checkbox"/>            |           |      |
| 4.                         |                                      | <input type="checkbox"/>            |           |      |
| 5.                         |                                      | <input type="checkbox"/>            |           |      |

**Required Additional Supplies and Materials** (*Software, hardware, tools, specialized clothing, etc.*)

A computer lab will be required for part of this course.

**Typical Evaluation Methods and Weighting**

|                |     |              |     |                   |   |            |      |
|----------------|-----|--------------|-----|-------------------|---|------------|------|
| Final exam:    | 45% | Assignments: | 20% | Field experience: | % | Portfolio: | %    |
| Midterm exam:  | 25% | Project:     |     | Practicum:        | % | Other:     | %    |
| Quizzes/tests: | 10% | Lab work:    |     | Shop work:        | % | Total:     | 100% |

**Details (if necessary):**
**Typical Course Content and Topics**

Database introduction  
Sequence alignment  
Gene annotation  
Phylogenetics  
Comparative genomics  
Proteomics



ORIGINAL COURSE IMPLEMENTATION DATE: September 2020  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED (six years after UEC approval): January 2026  
 Course outline form version: 05/18/2018

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

Note: The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                               |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|---------------------|----|-----------------------------|--|--------------------------------------------------------------|--|------------------------------|--|----------------------|--|--------------------|-----------|----------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> BIO 433                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                        |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Course Full Title:</b> Bioinformatics II                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                               |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Course Short Title:</b><br>(Transcripts only display 30 characters. Departments may recommend a short title if one is needed. If left blank, one will be assigned.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                                                                                                                                                                                                                                                                                                                                               |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Faculty:</b> Faculty of Science                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | <b>Department (or program if no department):</b> Biology                                                                                                                                                                                                                                                                                      |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Calendar Description:</b><br>Students will consider recent literature and focus on current topics in bioinformatics, including analysis of the benefits and limitations of existing software, unique challenges in the analysis of different "omics" data, as well as the legal and ethical implications involved with examining and storing genetic information.                                                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                                                                                                                                               |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | BIO 333.                                                                                                                                                                                                                                                                                                                                      |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                               |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                               |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Antirequisite Courses</b> (Cannot be taken for additional credit.)<br>Former course code/number:<br>Cross-listed with:<br>Dual-listed with:<br>Equivalent course(s):<br>(If offered in the previous five years, antirequisite course(s) will be included in the calendar description as a note that students with credit for the antirequisite course(s) cannot take this course for further credit.)                                                                                                                                                                                                                                                                          |           | <b>Special Topics</b> (Double-click on boxes to select.)<br>This course is offered with different topics:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (If yes, topic will be recorded when offered.)                                                                                                               |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | <b>Independent Study</b><br>If offered as an Independent Study course, this course may be repeated for further credit: (If yes, topic will be recorded.)<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit                                                             |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | <b>Transfer Credit</b><br>Transfer credit already exists: (See <a href="#">bctransferguide.ca</a> .)<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes<br>Submit outline for (re)articulation:<br><input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> Yes (If yes, fill in transfer credit form.) |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Typical Structure of Instructional Hours</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Lecture/seminar hours</td> <td style="text-align: center;">25</td> </tr> <tr> <td>Tutorials/workshops</td> <td style="text-align: center;">20</td> </tr> <tr> <td>Supervised laboratory hours</td> <td></td> </tr> <tr> <td>Experiential (field experience, practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Supervised online activities</td> <td></td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td style="text-align: right;"><b>Total hours</b></td> <td style="text-align: center;"><b>45</b></td> </tr> </table> |           | Lecture/seminar hours                                                                                                                                                                                                                                                                                                                         | 25 | Tutorials/workshops | 20 | Supervised laboratory hours |  | Experiential (field experience, practicum, internship, etc.) |  | Supervised online activities |  | Other contact hours: |  | <b>Total hours</b> | <b>45</b> | <b>Grading System</b><br><input checked="" type="checkbox"/> Letter Grades <input type="checkbox"/> Credit/No Credit |  |
| Lecture/seminar hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 25        |                                                                                                                                                                                                                                                                                                                                               |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| Tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 20        |                                                                                                                                                                                                                                                                                                                                               |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| Supervised laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                               |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| Experiential (field experience, practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                               |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| Supervised online activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                               |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                                                                                                                                               |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Total hours</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>45</b> |                                                                                                                                                                                                                                                                                                                                               |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| Labs to be scheduled independent of lecture hours: <input type="checkbox"/> No <input type="checkbox"/> Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | <b>Maximum enrolment (for information only):</b> 24<br><b>Expected Frequency of Course Offerings:</b><br>annually (Every semester, Fall only, annually, etc.)                                                                                                                                                                                 |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Department / Program Head or Director:</b> Anthony Stea                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | <b>Date approved:</b> December 2019                                                                                                                                                                                                                                                                                                           |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | <b>Date approved:</b> December 2019                                                                                                                                                                                                                                                                                                           |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Dean/Associate VP:</b> Lucy Lee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | <b>Date approved:</b> December 2019                                                                                                                                                                                                                                                                                                           |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Date of posting:</b> January 17, 2020                                                                                                                                                                                                                                                                                                      |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           | <b>Date of meeting:</b> January 31, 2020                                                                                                                                                                                                                                                                                                      |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |

BIO 433

University of the Fraser Valley Official Undergraduate Course Outline

Page 2 of 2

## Learning Outcomes:

Upon successful completion of this course, students will be able to:

- Evaluate the advantages and limitations of the statistical and computational elements within bioinformatic software.
- Describe the challenges in analyzing some types of biological information (e.g. RNA sequences) and the role of epigenetic influences on biological information.
- Discuss the ethical considerations for the use of genetic information (e.g. public release of information).
- Design a computational approach to solve specific questions in bioinformatics
- Critically analyze primary scientific literature. This will entail reading and analyzing experimental methodology and results in the research paper and then summarizing the main findings to the class (or to the instructor).
- Communicate bioinformatic information to technical and non-technical audiences by writing a report or oral presentation, introducing a research project, describing the experimental methodology, and summarizing the main results and conclusions.

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes      ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods** (*Guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion.*)

Lectures, laboratory exercises and reports, problem sets.

**NOTE:** The following sections may vary by instructor. Please see course syllabus available from the instructor.

**Typical Text(s) and Resource Materials** (*If more space is required, download Supplemental Texts and Resource Materials form.*)

| Author (surname, initials) | Title (article, book, journal, etc.)   | Current ed.                         | Publisher | Year |
|----------------------------|----------------------------------------|-------------------------------------|-----------|------|
| 1. Pevsner                 | Bioinformatics and Functional Genomics | <input checked="" type="checkbox"/> | Wiley     | 2015 |
| 2.                         |                                        | <input type="checkbox"/>            |           |      |
| 3.                         |                                        | <input type="checkbox"/>            |           |      |
| 4.                         |                                        | <input type="checkbox"/>            |           |      |
| 5.                         |                                        | <input type="checkbox"/>            |           |      |

**Required Additional Supplies and Materials** (*Software, hardware, tools, specialized clothing, etc.*)

A computer lab will be required for part of this course.

## Typical Evaluation Methods and Weighting

|                |     |              |     |                   |   |            |      |
|----------------|-----|--------------|-----|-------------------|---|------------|------|
| Final exam:    | 40% | Assignments: | 15% | Field experience: | % | Portfolio: | %    |
| Midterm exam:  | 20% | Project:     | 25% | Practicum:        | % | Other:     | %    |
| Quizzes/tests: | %   | Lab work:    | %   | Shop work:        | % | Total:     | 100% |

**Details (if necessary):**

## Typical Course Content and Topics

Database utilization  
Sequence alignments  
Gene annotation  
Comparative genomics  
Proteomics  
Using Analysis software  
RNA seq analysis  
Epigenetic analysis  
Student Presentations on topical research

**Memo for Course Changes**

To: UEC

From: Anthony Stea, Biology Department Head

Date: February 2019

**Subject: Proposal for revision of Biology 315 Equine Biology**

1. Summary of changes (select all that apply):

- ☐ Six-year review
- ☐ Number and/or course code
- ☐ Credits and/or total hours
- ☐ Title
- ☐ Calendar description
- ☐ Prerequisites and/or co-requisites
- ☐ Frequency of course offering
- ☐ Learning outcomes
- ☐ Delivery methods and/or texts and resource materials
- ☐ PLAR options, grading system, and/or evaluation methods
- ☒ Discontinuation of course
- ☐ Other – Please specify:

2. Rationale for change:

BIO 315 is no longer offered as we have not been able to find instructors to teach this course.

3. If there are substantial changes to the learning outcomes, explain how they align with the learning outcomes of the program(s):
4. Is this course required by any program beyond the discipline? If so, how will this change affect that program or programs?
5. Which program areas have been consulted about the change(s)? Biology Curriculum Committee
6. What consideration has been given to indigenizing the curriculum?
7. If this course is not eligible for PLAR, explain why:
8. If any of the following items on the official course outline have changed, explain how the change will affect the budget for your area or any other area:
- a. Credit value
  - b. Class size limit
  - c. Frequency of offering
  - d. Resources required (labs, equipment)
9. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) How are the trips funded?
10. Estimate of the typical costs for this course, including textbooks and other materials:

# MEMO



To: UEC

From: Teresa Piper, Program Working Group Chair

Cc: Jacqueline Nolte, Dean, College of Arts; Linda Pardy, Associate Dean, College of Arts; Bruce Kirkley, Associate Director PDQA

Date: January 20, 2020

Re: Proposed Minor in Spanish Language and Culture

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Please find attached for approval at the January 31, 2020 meeting of UEC:

- Proposal for the Bachelor of Arts, Minor in Spanish Language and Culture
- Calendar copy
- Common European Framework of Reference for Languages
- UEC Screening response to comments

The Minor in Spanish was approved to move forward by the College of Arts Council via electronic vote on December 17, 2019. The proposal was reviewed at UEC Screening on January 9, 2020; comments and responses are attached. The proposal was sent to Campus Wide Consultation for information on January 17, 2020.

**Note:** The program proposal and calendar copy are available in **S:\Groups\UEC\2020-01-31 Spanish minor**.

**Program Summary:**

The proposed Bachelor of Arts, Minor in Spanish Language and Culture will offer students the opportunity to acquire the necessary language, cultural skills and intercultural competence to interact appropriately within diverse social and cultural contexts in the Spanish-speaking world, and will enable students to use Spanish in their academic and career plans. Designed to be international and interdisciplinary, the program draws on courses from Latin American Studies, Global Development Studies, and other programs where Spanish is a valuable skill. The inclusion of experiential learning through study abroad and practicum courses will allow students to gain international experience, become global citizens, and improve their intercultural competence to be successful applicants for many career paths and further studies in the discipline. The minor will ensure that graduates have acquired a significant level of linguistic ability and cultural knowledge pertaining to one of the world's major cultures by aligning with a C Level, Proficient User, in the Common European Framework of Reference for Languages established by the Council of Europe.

**Program Working Group:**

Teresa Arróliga-Piper, PWG Chair, Associate Professor, Spanish, Modern Languages Institute

Alan H. Cameron, Professor of French and Russian, Modern Languages Institute

Jaime Bernal Boyzo, PhD, Sessional Instructor, Spanish, Modern Languages Institute

**Concept Paper:**

The concept paper for the Bachelor of Arts, Minor in Spanish Language and Culture was approved in the 2019 Program Report and Plan at the June 14, 2019 meeting of the UFV Board of Governors.

**Memo for Course Changes**

To: Keri Van Eyck, Arts Committees

From: Ghizlane Laghzaoui, Modern Languages Dept. Head

Date:11/04/2019

**Subject: Proposal for revision of FREN 330 Introductory French Linguistics**

1. Summary of changes (select all that apply):

- ☐ Six-year review
- ☐ Number and/or course code
- ☐ Credits and/or total hours
- ☐ Title
- ☐ Calendar description
- ☐ Prerequisites and/or co-requisites
- ☐ Frequency of course offering
- ☐ Learning outcomes
- ☐ Delivery methods and/or texts and resource materials
- ☐ PLAR options, grading system, and/or evaluation methods
- ☒ Discontinuation of course
- ☐ Other – Please specify:

2. Rationale for change:

As part of the French major design in 2013 and implementation in 2014, course numbers, outline and sequencing have been reviewed and Fren 330 was converted to Fren 430. Instead, another third year course, Fren 342, was created to keep a balance in the number of credits at the 300 level. Therefore, Fren 330 has not been scheduled since and is not anymore part of the course options for the extended minor and major.

3. If there are substantial changes to the learning outcomes, explain how they align with the learning outcomes of the program(s):

None

4. Is this course required by any program beyond the discipline? If so, how will this change affect that program or programs?

No

5. Which program areas have been consulted about the change(s)?

French Caucus (curriculum committee)

6. What consideration has been given to indigenizing the curriculum?

N/A

7. If this course is not eligible for PLAR, explain why:

N/A

8. If any of the following items on the official course outline have changed, explain how the change will affect the budget for your area or any other area:

N/A

- a. Credit value
- b. Class size limit
- c. Frequency of offering
- d. Resources required (labs, equipment)

9. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) How are the trips funded?

N/A

10. Estimate of the typical costs for this course, including textbooks and other materials:

N/A

**Memo for Program Changes**

To: UEC

From: Chris Campbell, Department Head and Amea Wilbur

Date: October 31<sup>st</sup>, 2019

**Subject: Program change – Teaching English as a Second Language**

1. Summary of changes (select all the apply):

- ☐ Program revision that requires new resources
- ☒ Addition of new course options or deletion or substitution of a required course
- ☐ Change to the majority of courses in an approved program
- ☐ Change to the duration, philosophy, or direction of a program
- ☐ Addition of a new field of specialization, such as a concentration
- ☐ Change in requirements for admission
- ☐ Change in requirements for residency or continuance
- ☐ Change in admission quotas
- ☐ Change which triggers an external review
- ☐ Deletion of a program not included in the Program Discontinuance policy
- ☒ Other – Please specify: 20 Volunteer hours as a prerequisite for TESL 433

2. Rationale for change(s):

***Our TESL Advisory Committee, who have been mentoring our practicum students, recommended students will benefit from having 20 volunteer hours prior to their practicum course. The TESL Advisory Committee members and faculty believe students will have a better understanding of their field of study, the professional standards required and better integrate classroom knowledge and theory with their volunteer experience.***

3. If program outcomes are new or substantially changed, explain how they align with the Institutional Learning Outcomes: **N/A**

4. What consideration has been given to indigenizing the curriculum?

***Where possible, we have added “language learning and/or teaching” to open and encourage the enrollment of teachers of Indigenous, heritage, or other non-English languages.***

5. Will additional resources be required? If so, how will these costs be covered?

***There will be no impact on resources.***

6. How will students be impacted? (Indicate the projected number of students impacted.) Is the change expected to increase/decrease enrolment in the program?

***All new TESL students will be required to complete volunteer hours as part of the prerequisite for TESL 433. The change is not expected to effect enrolment. We recommended fall 2019 TESL students volunteer for 20 hours and the feedback from current students has been positive.***

7. Does the number of required core or elective credits from the program-specific discipline change? If so, will this change the total number of courses to be offered within the discipline? **N/A**
8. Identify any available resources that will be used to accommodate the program changes. (E.g. seats in existing classes, conversion of sections, timetabling changes, deletion of courses, etc.) **N/A**
9. Is the number of required or elective courses from other disciplines in the program changing? If so, what is the estimated impact to enrolments in these courses? Provide a memo from the respective dean(s) of the impacted faculty to confirm if budgetary implications have been considered and addressed.

***There is no change to the number of required or elective courses in the BA AE program.***

10. Provide a memo from the program's dean to confirm that budgetary implications of the proposed changes have been considered and will be addressed within the faculty budget. **N/A**

## Teaching English as a Second Language (TESL) certificate

The TESL certificate program prepares students for careers as teachers of English to speakers of other languages. Completion of the certificate program qualifies graduates for the TESL Canada Professional Certification Standard Two from Canada's national organization of TESL professionals.

The TESL certificate program can be taken either after completion of a bachelor's degree program, or while completing one. Students who plan to do a degree and a certificate ~~simultaneously~~ **concurrently** should consult with an Advisor to ensure that they choose and schedule their courses appropriately. The degree program must be completed with a minimum cumulative GPA of 2.67.

### Program outline

In addition to the courses listed below, students must complete at least 20 hours of recognized volunteer experience in a TESL setting (perhaps give an example.) These volunteer hours must be completed before registration in TESL 433.

| Course   | Title                                                              | Credits |
|----------|--------------------------------------------------------------------|---------|
| TESL 400 | Foundations of Second Language Education (formerly TESL 300)       | 4       |
| TESL 408 | Applied Linguistics in Second Language Education                   | 4       |
| TESL 410 | Teaching a Second Language (formerly TESL 310)                     | 4       |
| TESL 420 | Curriculum and Assessment in Second Language Education             | 4       |
| TESL 433 | Second Language Education Practicum (formerly TESL 333) (see Note) | 4       |

Note: Evidence must be provided to the department of 20 hours of volunteer experience in a TESL setting to enroll in this course.

**Memo for Program Changes**

To: UEC

From: Chris Campbell, Department Head and Amea Wilbur

Date: October 31<sup>st</sup>, 2019

**Subject: Program change – Bachelor of Arts in Adult Education**

1. Summary of changes (select all the apply):

- ☐ Program revision that requires new resources
- ☒ Addition of new course options or deletion or substitution of a required course
- ☐ Change to the majority of courses in an approved program
- ☐ Change to the duration, philosophy, or direction of a program
- ☐ Addition of a new field of specialization, such as a concentration
- ☐ Change in requirements for admission
- ☐ Change in requirements for residency or continuance
- ☐ Change in admission quotas
- ☐ Change which triggers an external review
- ☐ Deletion of a program not included in the Program Discontinuance policy
- ☐ Other – Please specify:

2. Rationale for change(s):

***TESL 410 learning outcomes no longer align to ADED 325 so students in the Bachelor of Arts in Adult Education can no longer substitute TESL 410 for ADED 325.***

***For clarity, TESL 433 will replace the choice of ADED 472 and ADED 473. ADED 370 and ADED 470 are required capstone courses.***

3. If program outcomes are new or substantially changed, explain how they align with the Institutional Learning Outcomes: ***N/A***

4. What consideration has been given to indigenizing the curriculum?

***Where possible, we have added “language learning and/or teaching” to open and encourage the enrollment of teachers of Indigenous, heritage, or other non-English languages.***

5. Will additional resources be required? If so, how will these costs be covered?

***There will be no impact on resources.***

6. How will students be impacted? (Indicate the projected number of students impacted.) Is the change expected to increase/decrease enrolment in the program?

***Bachelor of Art in Adult Education (BA AE) students who are completing both the BA AE degree and the TESL certificate concurrently will continue to be allowed to substitute TESL 410 for ADED 325. There are 3-4 students who will be completing***

7. Does the number of required core or elective credits from the program-specific discipline change? If so, will this change the total number of courses to be offered within the discipline? **N/A**
8. Identify any available resources that will be used to accommodate the program changes. (E.g. seats in existing classes, conversion of sections, timetabling changes, deletion of courses, etc.) **N/A**
9. Is the number of required or elective courses from other disciplines in the program changing? If so, what is the estimated impact to enrolments in these courses? Provide a memo from the respective dean(s) of the impacted faculty to confirm if budgetary implications have been considered and addressed.

***There is no change to the number of required or elective courses in the BA AE program.***

10. Provide a memo from the program's dean to confirm that budgetary implications of the proposed changes have been considered and will be addressed within the faculty budget. **N/A**

## Bachelor of Arts (Adult Education) degree

The Bachelor of Arts (Adult Education) degree is a unique mid-career professional development program for people who are instructing, administering, developing programs for, or providing educational support to adult learners. The program consists of 120 credits, which may be achieved through a combination of coursework, credit for prior experience, and transfer credit. Most students are part-time students, taking one or two courses per semester. The program offers students the opportunity to link practical and theoretical course work to the challenges they meet in their work setting, while enhancing their knowledge, skills, and appreciation of the field of adult education.

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## Teaching English as a Second Language (TESL)

Students can choose to combine the [Teaching English as a Second Language \(TESL\) certificate](#) with the Bachelor of Arts (Adult Education) degree. This pathway recognizes ~~TESL 410 (formerly TESL 310) and TESL 433 (formerly TESL 333) as meeting the requirements for ADED 325 and ADED 473~~ [replacing the choice of ADED 472 and ADED 473](#) if and when all the other requirements for both the degree and the TESL certificate are met. ~~In addition, one of the Adult Education courses counts as three of the six required elective credits for the TESL certificate.~~

Contact the Adult Education Program Advisor for details.

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## Instructional design courses

| Course   | Title                                             | Credits |
|----------|---------------------------------------------------|---------|
| ADED 325 | Teaching Adults <a href="#"><u>(see Note)</u></a> | 3       |

|          |                                      |   |
|----------|--------------------------------------|---|
| ADED 408 | Assessing Adult Learning             | 3 |
| ADED 415 | Facilitating e-Learning              | 3 |
| ADED 425 | Curriculum Design for Adult Learning | 3 |
| ADED 435 | Facilitating Adult Learning          | 3 |

~~Note: TESL 410 (formerly TESL 310) can be used in place of ADED 325 for students pursuing the TESL certificate.~~

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### Capstone courses

| Course           | Title                                          | Credits |
|------------------|------------------------------------------------|---------|
| <b>Three of:</b> |                                                | 9       |
| ADED 370         | Directed Studies                               |         |
| ADED 470         | Synthesis Project I                            |         |
| ADED 472         | Reflective Practice <a href="#">(see Note)</a> |         |
| ADED 473         | Adult Education Practicum (see Note)           |         |

Note: TESL 433 (formerly TESL 333) can be used in place of [ADED 472 and](#) ADED 473 for students pursuing the TESL certificate. [ADED 370 and ADED 470 are required.](#)

**Memo for Course Changes**

To: UEC

From: Chris Campbell, Department Head, and Amea Wilbur

Date: October 30<sup>th</sup>, 2019

**Subject: Proposal for revision of TESL 433 Second Language Education Practicum**

1. Summary of changes (select all that apply):

- ☐ Six-year review
- ☐ Number and/or course code
- ☐ Credits and/or total hours
- ☐ Title
- ☐ Calendar description
- ☒ Prerequisites and/or co-requisites
- ☐ Frequency of course offering
- ☐ Learning outcomes
- ☐ Delivery methods and/or texts and resource materials
- ☐ PLAR options, grading system, and/or evaluation methods
- ☐ Discontinuation of course
- ☒ Other – Please specify: Transfer

2. Rationale for change:

***Change Prerequisites and/or co-requisites***

***Our TESL Advisory Committee, who have been mentoring our practicum students, recommended students will benefit from having 20 volunteer hours prior to their practicum course. The TESL Advisory Committee members and faculty believe students will have a better understanding of their field of study, the professional standards required and better integrate classroom knowledge and theory with their volunteer experience. As a form of experiential learning, volunteering provides students with the opportunity to engage in authentic activities outside the classroom and better understand and engage with the profession.***

***As well, there is a substantial body of literature (McCabe, White & Obst, 2007) supporting community service's impact on students' personal, social, ethical, and academic domains.***

If there are substantial changes to the learning outcomes, explain how they align with the learning outcomes of the program(s): **No**

3. Is this course required by any program beyond the discipline? If so, how will this change affect that program or programs? **No**

4. Which program areas have been consulted about the change(s)?

***Professional Studies***

5. What consideration has been given to indigenizing the curriculum?

***Where possible, we have added "language learning and/or teaching" to open and encourage the enrollment of teachers of Indigenous, heritage, or other non-English languages.***

6. If this course is not eligible for PLAR, explain why: **N/A**
7. If any of the following items on the official course outline have changed, explain how the change will affect the budget for your area or any other area:
  - a. Credit value: **No change**
  - b. Class size limit: **No change**
  - c. Frequency of offering: **No change**
  - d. Resources required (labs, equipment): **No change**
8. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) How are the trips funded? **N/A**
9. Estimate of the typical costs for this course, including textbooks and other materials: **\$100.00 for textbooks.**



ORIGINAL COURSE IMPLEMENTATION DATE: January 2004  
 REVISED COURSE IMPLEMENTATION DATE: September 2020  
 COURSE TO BE REVIEWED: (six years after UEC approval) March 2023  
 Course outline form version: 09/15/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note: The University reserves the right to amend course outlines as needed without notice.**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |   |                              |   |                  |  |                        |  |                                            |    |                            |   |                                                      |   |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|------------------------------|---|------------------|--|------------------------|--|--------------------------------------------|----|----------------------------|---|------------------------------------------------------|---|--------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> TESL 433                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Number of Credits:</b> 4 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |   |                              |   |                  |  |                        |  |                                            |    |                            |   |                                                      |   |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Course Full Title:</b> Second Language Education Practicum                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |   |                              |   |                  |  |                        |  |                                            |    |                            |   |                                                      |   |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Course Short Title (if title exceeds 30 characters):</b> SLE Practicum                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |   |                              |   |                  |  |                        |  |                                            |    |                            |   |                                                      |   |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Faculty:</b> Faculty of Professional Studies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Department (or program if no department):</b> Adult Education                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |                              |   |                  |  |                        |  |                                            |    |                            |   |                                                      |   |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Calendar Description:</b><br><br>This practicum component of the TESL certificate enables students to apply their studies of theory and methodology of second language teaching and learning in an approved ESL instructional setting.<br><br>Note: Students with credit for TESL 333 cannot take this course for further credit.<br>Note: Evidence must be provided to the department of 20 hours of volunteer experience in a TESL setting to enroll in this course.                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |   |                              |   |                  |  |                        |  |                                            |    |                            |   |                                                      |   |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | Permission of the Adult Education department.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |   |                              |   |                  |  |                        |  |                                            |    |                            |   |                                                      |   |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | None.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |   |                              |   |                  |  |                        |  |                                            |    |                            |   |                                                      |   |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           | TESL 400 (formerly TESL 300), TESL 408, TESL 410 (formerly TESL 310), and TESL 420.                                                                                                                                                                                                                                                                                                                                                                                                                                                          |   |                              |   |                  |  |                        |  |                                            |    |                            |   |                                                      |   |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number: <b>TESL 333</b><br>Cross-listed with:<br>Equivalent course(s):<br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><br>Transfer credit requested (OREg to submit to BCCAT):<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (if yes, fill in transfer credit form)<br><br>Resubmit revised outline for articulation: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |   |                              |   |                  |  |                        |  |                                            |    |                            |   |                                                      |   |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Total Hours: 70</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Lecture hours</td><td style="text-align: center;">4</td></tr> <tr><td>Seminars/tutorials/workshops</td><td style="text-align: center;">6</td></tr> <tr><td>Laboratory hours</td><td></td></tr> <tr><td>Field experience hours</td><td></td></tr> <tr><td>Experiential (practicum, internship, etc.)</td><td style="text-align: center;">50</td></tr> <tr><td>Online learning activities</td><td style="text-align: center;">8</td></tr> <tr><td>Other contact hours: mentor/supervisor consultations</td><td style="text-align: center;">2</td></tr> <tr><td style="text-align: right;"><b>Total</b></td><td style="text-align: center;"><b>70</b></td></tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 4 | Seminars/tutorials/workshops | 6 | Laboratory hours |  | Field experience hours |  | Experiential (practicum, internship, etc.) | 50 | Online learning activities | 8 | Other contact hours: mentor/supervisor consultations | 2 | <b>Total</b> | <b>70</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><br><i>Note: The specific topic will be recorded when offered.</i> |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 4         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |   |                              |   |                  |  |                        |  |                                            |    |                            |   |                                                      |   |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 6         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |   |                              |   |                  |  |                        |  |                                            |    |                            |   |                                                      |   |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |   |                              |   |                  |  |                        |  |                                            |    |                            |   |                                                      |   |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |   |                              |   |                  |  |                        |  |                                            |    |                            |   |                                                      |   |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 50        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |   |                              |   |                  |  |                        |  |                                            |    |                            |   |                                                      |   |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 8         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |   |                              |   |                  |  |                        |  |                                            |    |                            |   |                                                      |   |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Other contact hours: mentor/supervisor consultations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |   |                              |   |                  |  |                        |  |                                            |    |                            |   |                                                      |   |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>70</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |   |                              |   |                  |  |                        |  |                                            |    |                            |   |                                                      |   |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Maximum enrolment (for information only):</b> 15<br><br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> Annually                                                                                                                                                                                                                                                                                                                                                                        |   |                              |   |                  |  |                        |  |                                            |    |                            |   |                                                      |   |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Department / Program Head or Director:</b> Chris Campbell                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | <b>Date approved:</b> October 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |   |                              |   |                  |  |                        |  |                                            |    |                            |   |                                                      |   |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Date approved:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |   |                              |   |                  |  |                        |  |                                            |    |                            |   |                                                      |   |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | <b>Date of posting:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |                              |   |                  |  |                        |  |                                            |    |                            |   |                                                      |   |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Dean/Associate VP:</b> Tracy RyderGlass                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | <b>Date approved:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |   |                              |   |                  |  |                        |  |                                            |    |                            |   |                                                      |   |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Date of meeting:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |                              |   |                  |  |                        |  |                                            |    |                            |   |                                                      |   |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |

**Learning Outcomes**

Upon successful completion of this course, students will be able to:

- Observe a second language or ESL class through a professionally critical lens
- Demonstrate an ability to design and teach lessons and create constructive learning environments for English language learners (ELLs) or second language learners.
- Prepare integrated activity-based language lesson plans that are relevant and appropriate for target students, programs, and contexts.
- Adjust teaching and curriculum on the basis of ongoing reflective practice and formative assessment processes.
- Collaborate with peers and/or supervisors in creating a supportive learning environment for students. Plan ongoing professional development in the field of TESL or SLE.

**Prior Learning Assessment and Recognition (PLAR)**

☐ Yes ☒ No, PLAR cannot be awarded for this course because the practicum is required for TESL Canada Professional Standard Two and is required by our UFV program to demonstrate the ability to apply what is learned in the other coursework to the practice of teaching a second language.

**Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)**

- guided observation (minimum 20 hours)
- guided teaching and class management (minimum 30 hours)
- portfolio compilation with reflective writing (a component of both observation and teaching time)
- online peer discussions – critical incident analysis (min. 8 hours)
- sponsor/mentor consultation, collaboration, and performance review (minimum 4 hours)
- classroom seminars (minimum 6 hours)
- practicum supervisor consultation and performance review (minimum 2 hours)
- assignments (ex. textbook work, student needs assessment tool creation, lesson planning, peer observation and evaluation, etc.)

**Grading system:** Letter Grades: ☐ Credit/No Credit: ☒ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials (if more space is required, download Supplemental Texts and Resource Materials form)**

| Author (surname, initials) | Title (article, book, journal, etc.)                                                          | Current ed.                         | Publisher | Year |
|----------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------|-----------|------|
| 2. Farrell, T.             | Promoting Teacher Reflection in Second Language Education: A Framework for TESOL Professional | <input checked="" type="checkbox"/> | Routledge | 2015 |
| 3.                         |                                                                                               | <input type="checkbox"/>            |           |      |

**Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)**

Students will be expected to supply any and all teaching materials required to complete the 30 hours of teaching as well as materials for the portfolio completion.

**Typical Evaluation Methods and Weighting**

|                |   |              |     |                   |   |            |      |
|----------------|---|--------------|-----|-------------------|---|------------|------|
| Final exam:    | % | Assignments: | 25% | Midterm exam:     | % | Practicum: | 75%  |
| Quizzes/tests: | % | Lab work:    | %   | Field experience: | % | Shop work: | %    |
| Other:         | % | Other:       | %   | Other:            | % | Total:     | 100% |

**Details (if necessary):**

Upon completion of the course, students will receive a Credit, No Credit, or Incomplete. Students who receive a credit will have attended all of the classroom/seminar and online sessions (unless instructor permission was given) and successfully completed all of the practicum requirements as well as the portfolio work (which includes demonstrated completion of volunteer hours within an ESL or SLE setting). Students who receive an Incomplete will normally have up to 6 weeks after the final course date to complete either the practicum requirements or the portfolio work, or both. An incomplete will only be issued in extenuating circumstances after consultation with an agreement by the practicum supervisor. (Poor time management or an unsuccessful practicum for example, will not be considered as reasons for issuing an incomplete.)

**Typical Course Content and Topics**

Within the mandatory minimum of 20 hours of observation, 30 hours of teaching and 20 hours for seminars, consultation, collaboration, performance review, and creation of a portfolio there will be considerable variation of content from student to student given the nature of a practicum class. However, all students will complete the guided observation and teaching hours, the reflective writing assignments, the portfolio compilation, the peer observation and evaluation, and textbook and materials assignments. All students will also consult sponsors with respect to lesson planning and materials creation. In addition, they will also have their teaching performance reviewed by both their sponsors and the practicum supervisor.

TESL 400, 408, 410, 420, 433

University of the Fraser Valley Transfer Credit Request Form

## Transfer Credit Request Form

Please fill out this form if transfer credit should be requested.

| <u>Institution code</u> | <u>Full Institution name</u>                     | <u>Transfer credit exists</u> | <u>Request transfer credit</u>      |
|-------------------------|--------------------------------------------------|-------------------------------|-------------------------------------|
| AI                      | Art Institute of Vancouver                       | <input type="checkbox"/>      | <input type="checkbox"/>            |
| ALEX                    | Alexander College                                | <input type="checkbox"/>      | <input type="checkbox"/>            |
| ASM                     | Acsenda School of Management                     | <input type="checkbox"/>      | <input type="checkbox"/>            |
| AU                      | Athabasca University                             | <input type="checkbox"/>      | <input checked="" type="checkbox"/> |
| CAPU                    | Capilano University                              | <input type="checkbox"/>      | <input type="checkbox"/>            |
| CNC                     | College of New Caledonia                         | <input type="checkbox"/>      | <input type="checkbox"/>            |
| COTR                    | College of the Rockies                           | <input type="checkbox"/>      | <input checked="" type="checkbox"/> |
| COLU                    | Columbia College                                 | <input type="checkbox"/>      | <input type="checkbox"/>            |
| COQU                    | Coquitlam College                                | <input type="checkbox"/>      | <input type="checkbox"/>            |
| DOUG                    | Douglas College                                  | <input type="checkbox"/>      | <input checked="" type="checkbox"/> |
| EC                      | Emily Carr University of Art & Design            | <input type="checkbox"/>      | <input type="checkbox"/>            |
| FDU                     | Fairleigh Dickinson University                   | <input type="checkbox"/>      | <input checked="" type="checkbox"/> |
| JIBC                    | Justice Institute of BC                          | <input type="checkbox"/>      | <input type="checkbox"/>            |
| KWAN                    | Kwantlen Polytechnic University                  | <input type="checkbox"/>      | <input checked="" type="checkbox"/> |
| NVIT                    | Nicola Valley Institute of Technology            | <input type="checkbox"/>      | <input type="checkbox"/>            |
| NIC                     | North Island College                             | <input type="checkbox"/>      | <input type="checkbox"/>            |
| NLC                     | Northern Lights College                          | <input type="checkbox"/>      | <input type="checkbox"/>            |
| NWCC                    | Northwest Community College                      | <input type="checkbox"/>      | <input type="checkbox"/>            |
| OC                      | Okanagan College                                 | <input type="checkbox"/>      | <input checked="" type="checkbox"/> |
| SFU                     | Simon Fraser University                          | <input type="checkbox"/>      | <input checked="" type="checkbox"/> |
| TRU                     | Thompson Rivers University                       | <input type="checkbox"/>      | <input checked="" type="checkbox"/> |
| TRU-OL                  | Thompson Rivers University, Open Learning        | <input type="checkbox"/>      | <input type="checkbox"/>            |
| TWU                     | Trinity Western University                       | <input type="checkbox"/>      | <input checked="" type="checkbox"/> |
| UBC                     | University of British Columbia- Vancouver Campus | <input type="checkbox"/>      | <input checked="" type="checkbox"/> |
| UBCO                    | University of British Columbia- Okanagan Campus  | <input type="checkbox"/>      | <input checked="" type="checkbox"/> |
| UCW                     | University Canada West                           | <input type="checkbox"/>      | <input type="checkbox"/>            |
| UNBC                    | University of Northern BC                        | <input type="checkbox"/>      | <input checked="" type="checkbox"/> |
| UVIC                    | University of Victoria                           | <input type="checkbox"/>      | <input checked="" type="checkbox"/> |
| VCC                     | Vancouver Community College                      | <input type="checkbox"/>      | <input checked="" type="checkbox"/> |
| VIU                     | Vancouver Island University                      | <input type="checkbox"/>      | <input type="checkbox"/>            |

Visit [www.bccat.ca/articulate/additions/upperpolicy](http://www.bccat.ca/articulate/additions/upperpolicy) for a list of the institutions that will articulate upper-level courses.

For further information on identifying appropriate receiving institutions, please see the following webpage:  
[http://bccat.ca/info/handbook/pages/identifying-appropriate-receiving-institutions?in\\_handbook=241](http://bccat.ca/info/handbook/pages/identifying-appropriate-receiving-institutions?in_handbook=241)



## MEMO

**To:** UEC

**From:** Agriculture Technology Department

**Date:** June 26, 2019

**Re:** Program name change from Integrated Pest Management Essentials certificate to Integrated Pest Management Associate certificate

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The Program Development and Quality Assurance office has flagged the Integrated Pest Management Essentials certificate because it consists of 15 credits. To bring the program in line with the current Credentials policy, the name needs to be changed to Integrated Pest Management Associate certificate.

There are no other changes to the program.

The following note will be added to the calendar: "Students who were in the process of completing this program prior to September 2020 may elect to complete it as a certificate instead of an associate certificate until August 2021."

Memorandum

Re: Rationale for upper level changes to Chemistry minor

The Chemistry Department's rationale for changing upper level requirements for the chemistry minor are relatively simple: We felt that the current requirements are too prescriptive for a minor.

Our goal with the chemistry minor is to enable students to have broad discretionary latitude to enable a comprehensive sampling of chemistry, or allow the specialization in a sub-discipline to allow them to focus on their interests in a way that complements their chosen major subject.

In order to support the above goal we have opened up the requirements from second year on to twelve 200-level credits, and fourteen 300/400-level credits, which will be supported by prerequisites chosen at the 200 level. In this way students in Biology, for example, can obtain a chemistry minor with a very sharp focus without having to concern themselves with taking inorganic chemistry courses. In the same manner, students will still have the option to broadly sample the discipline, as they have been expected to do to this point.

In submitting this memorandum, there is one additional possibility that we want to keep under control, and that is the filling of upper-level credits with almost exclusively directed studies courses. As such, we would like to add the following note:

Note: Students should choose appropriately in order to satisfy upper-level course prerequisites. Students will be limited to 6 credits of directed studies toward upper-level requirements for the chemistry minor. It is highly recommended that students contact an Academic Advisor prior to making their course selections.

In this way we prevent students from abusing the intent of the directed studies while remaining adherent to the Institution's interest in experiential learning, a sentiment that aligns quite well with the Chemistry Department's disposition toward experiential education.

Sincerely

Cory Beshara; Dept. Head. Chemistry

## Chemistry minor

### Upper-level requirements

| Course              | Title                                                | Credits       |
|---------------------|------------------------------------------------------|---------------|
| <del>CHEM 320</del> | <del>Intermediate Inorganic Chemistry</del>          | <del>3</del>  |
| <del>CHEM 324</del> | <del>Chemical Kinetics and Thermodynamics</del>      | <del>4</del>  |
| <del>CHEM 325</del> | <del>Inorganic Chemistry Laboratory</del>            | <del>2</del>  |
| <del>Plus:</del>    | <del>Five credits of upper-level CHEM</del>          | <del>5</del>  |
| <del>CHEM</del>     | <del>300- or 400-level CHEM courses (see Note)</del> | <del>14</del> |

Note: Students should choose appropriately in order to satisfy upper-level course prerequisites. Students will be limited to 6 credits of directed studies toward upper-level requirements for the chemistry minor. It is highly recommended that students contact an Academic Advisor prior to making their course selections.

**Memo for Program Changes**

To: UEC

From: Teacher Education department, Dr. Vandy Britton, Department Head

Date: August 15, 2019

**Subject: Bachelor of Education Program change**

1. Summary of changes (select all the apply):

- ☐ Program revision that requires new resources
- ☐ Addition of new course options or deletion or substitution of a required course
- ☐ Change to the majority of courses in an approved program
- ☐ Change to the duration, philosophy, or direction of a program
- ☐ Addition of a new field of specialization, such as a concentration
- ☒ Change in requirements for admission
- ☐ Change in requirements for residency or continuance
- ☐ Change in admission quotas
- ☐ Change which triggers an external review
- ☐ Deletion of a program not included in the Program Discontinuance policy
- ☐ Other – Please specify:

2. Rationale for change(s):

We would like to implement an English Language Proficiency Requirement (ELP) specific to the BEd program in order to better support students whose previous degree is from a recognized university in a country where the official language of instruction is not English. All BEd students are required to read, write and speak at an advanced level of English. In fact, the Teacher Regulation Branch (which certifies all K-12 teachers in BC) has an ELP standard that is higher than the ELP standards for degree/diploma level programs at UFV.

Therefore, our request is twofold:

- (1) Similar to other Teacher Education programs in BC, we would like to align the ELP standard for admission into UFV's post-degree BEd with the BC threshold for obtaining a teaching certificate.

These ELP standards are as follows:

- TOEFL iBT: a score of 98 with a minimum of 23 on reading, 23 on listening, 27 on speaking and 25 on writing
- IELTS Academic: overall band score of 6.5 with no band below 6 and with a minimum of 7 on the speaking and writing bands;

- (2) Because the TOEFL iBT and the IELTS Academic tests are the only two tests that the TRB will accept, similar to UBC's Teacher Education program, we would also like to restrict the acceptable types of language tests to just these two.

3. If program outcomes are new or substantially changed, explain how they align with the Institutional Learning Outcomes. This change does not affect program outcomes
4. What consideration has been given to indigenizing the curriculum? This change does not affect our department's commitment to Indigenizing.
5. Will additional resources be required? If so, how will these costs be covered? N/A
6. How will students be impacted? (Indicate the projected number of students impacted.) Is the change expected to increase/decrease enrolment in the program?  
  
This may impact one or two applicants per BEd intake. Applicants with degrees from countries where English is not the primary language generally have completed either a TOEFL or IELTS test. Should their scores not be high enough, they can be advised to increase their language skills before applying to the program.
7. Does the number of required core or elective credits from the program-specific discipline change? If so, will this change the total number of courses to be offered within the discipline? N/A
8. Identify any available resources that will be used to accommodate the program changes. (Eg. seats in existing classes, conversion of sections, timetabling changes, deletion of courses, etc.)  
N/A
9. Is the number of required or elective courses from other disciplines in the program changing? If so, what is the estimated impact to enrolments in these courses? Provide a memo from the respective dean(s) of the impacted faculty to confirm if budgetary implications have been considered and addressed. N/A
10. Provide a memo from the program's dean to confirm that budgetary implications of the proposed changes have been considered and will be addressed within the faculty budget.

**CWC comments and responses:**

- What is the full description of ELP standards from the TRB? Are there any other options for satisfying this requirement? (Can the reference source be provided?)

*The full description of the English Language Proficiency requirements can be found on page 10/11 in the BCTC Certification Standards document available to UEC members at S:\Groups\UEC\2020-01-31 Bachelor of Education. According to the BC Teacher Certification Branch, only the TOEFL and IELTS tests are acceptable towards teacher certification in BC.*

- The memo notes that this change "may impact one or two applicants per BEd intake." How many students from the past two entering classes has this impacted?

*In the past, this has impacted two of our students. One student was withdrawn from the program due to difficulties in her oral language during teaching practica, and the other student interrupted the program for one year.*

- Is it necessary to have these tests included as part of the entrance requirements, or would it be sufficient to include an advisory note that they are required for certification through the TRB?

*Similar to UBC's BEd program's policy, we would like the tests to be included as an entrance requirement for those students who have completed their post-secondary education in a country where English is not the primary language. If we were to include an advisory note instead, indicating that these language standards are required for teacher certification only, we may put future applicants into a situation where they may not be successful during practica; or, worse, where they may not receive teacher certification, even after they have completed the BEd at UFV.*



**Office of Dean, Tracy Ryder Glass**  
**Faculty of Professional Studies**  
**Phone: 604-851-6341**  
**Email: tracy.ryderglass@ufv.ca**

## **Memo**

**To: Senate Budget Committee**

**From: Tracy Ryder Glass, Dean – Faculty of Professional Studies**

**Re: Proposed changes to the English admissions requirements for the Teacher Education (BEd) programming.**

**Date: September 4, 2019**

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The Teacher Education Department (TED) proposes to implement an English Language Proficiency Requirement (ELP) specific to the BEd program in order to better support students whose previous degree is from a recognized university in a country where the official language of instruction is not English.

All BEd students are required to read, write and speak at an advanced level of English. In fact, the Teacher Regulation Branch (which certifies all K-12 teachers in BC) has an ELP standard that is higher than the ELP standards for degree/diploma level programs at UFV. Similar to other Teacher Education programs in BC, TED would like to align the ELP standard for admission into UFV's post-degree BEd with the BC threshold for obtaining a teaching certificate.

There are no budgetary implications for the Teacher Education Department, and the Faculty of Professional Studies as a result of this requested change.

A handwritten signature in black ink, appearing to read "Tracy Ryder Glass".

# Bachelor of Education degree

## Entrance requirements (Elementary/Middle option)

### Other entrance requirements

1. **Interview:** All applicants who meet the minimum requirements will be interviewed to assess their readiness and their dispositions for the teaching profession. Interview dates will be made available by invitation and are typically scheduled for March. Students unable to attend the interview must consult the Education Advisor.
2. **Program Preparation:** Students are required to have work experience with children/adolescents in a variety of settings. While all experience with children/adolescents is valuable, classroom volunteer work is strongly recommended. Students are encouraged to highlight additional certifications, talents, and skills. In addition, UFV recommends that elementary/middle education applicants take courses in First Nations studies or Indigenous Peoples' knowledge to further enhance their preparation. It is also recommended that applicants have preparation in numeracy (e.g. MATH 205), modern languages, fine and performing arts courses, and kinesiology courses.
3. **Reference letters:** Two confidential letters of reference from professionals are required to support the application. Forms with guiding questions can be found on the [Teacher Education department website](#).
4. **Grade Point Average:** UFV will calculate grade point average (GPA) on the most recent two years (approximately 60 semester hours) of undergraduate coursework (this may include post-degree coursework). Applicants with a GPA below a 2.80 on the 4.33 scale in this calculation will not be considered.
5. **English language requirement:** ~~Applicants must meet the Degree/diploma level English language proficiency requirement. For details on how this requirement may be met, see the [English language proficiency requirement](#) section of the calendar. All BEd students are required to read, write and speak at an advanced level of English; therefore, in addition to the general admission requirements, applicants must demonstrate the minimum level of English required of a certified K-12 teacher in BC prior to being considered for admission into UFV's BEd. If your previous education is from a recognized university in a country where English is not the official language of instruction, you will need to achieve the competence standard indicated by~~

either of the tests of English language proficiency (TOEFL or IELTS) that are officially recognized by the BC Ministry of Education:

- TOEFL iBT: a score of 98 with a minimum of 23 on reading, 23 on listening, 27 on speaking and 25 on writing
- IELTS Academic: overall band score of 6.5 with no band below 6 and with a minimum of 7 on the speaking and writing bands

## Entrance requirements (Secondary option)

### Other entrance requirements

1. **Interview:** All applicants who meet the minimum requirements will be interviewed to assess their readiness and their dispositions for the teaching profession. Interview dates will be made available by invitation and are typically scheduled for March. Students unable to attend the interview must consult the Advisor.
2. **Program Preparation:** Students are required to have work experience with children/adolescents in a variety of settings. While all experience with children/adolescents is valuable, classroom volunteer work is strongly recommended. Students are encouraged to highlight additional certifications, talents, and skills. For those students applying with only one teachable minor in one of the four subject areas, preference will be given to students who have a second minor in another subject area widely taught in B.C. schools. In addition to the courses required to apply for each stream, applicants are encouraged to take additional courses to enhance their preparedness for today's classrooms. Students are encouraged to pursue coursework in the following areas:
  - Mathematics/Sciences applicants: Six credits in computer science or six credits in a science subject different than the teachable major/minor.
  - Humanities applicants: Six credits in a social science other than history or geography, such as First Nations studies, Indigenous Peoples' knowledge, anthropology, sociology, or political science.

3. **Reference letters:** Two confidential letters of reference from professionals are required to support the application. Forms with guiding questions can be found on the [Teacher Education department website](#).
4. **Grade Point Average:** UFV will calculate grade point average (GPA) on the most recent two years (approximately 60 semester hours) of undergraduate coursework (this may include post-degree coursework). Applicants with a GPA below a 2.80 on the 4.33 scale in this calculation will not be considered.
5. **English language requirement:** ~~Applicants must meet the Degree/diploma level English language proficiency requirement. For details on how this requirement may be met, see the [English language proficiency requirement](#) section of the calendar. All BEd students are required to read, write and speak at an advanced level of English; therefore, in addition to the general admission requirements, applicants must demonstrate the minimum level of English required of a certified K-12 teacher in BC prior to being considered for admission into UFV's BEd. If your previous education is from a recognized university in a country where English is not the official language of instruction, you will need to achieve the competence standard indicated by either of the tests of English language proficiency (TOEFL or IELTS) that are officially recognized by the BC Ministry of Education:~~
  - ~~TOEFL iBT: a score of 98 with a minimum of 23 on reading, 23 on listening, 27 on speaking and 25 on writing~~
  - ~~IELTS Academic: overall band score of 6.5 with no band below 6 and with a minimum of 7 on the speaking and writing bands~~

5.—

Note: All documentation submitted as part of a student's application is confidential and will be treated as such by UFV.

All teacher candidates must meet the B.C. Teacher Regulation Branch acceptable degree policy, restricting the academic preparation acceptable for qualifying teachers. It is strongly recommended that prospective students attend the Teacher Education seminars which are regularly offered by the department. For more information please see the [Teacher Education department website](#).

**Memo for Course Changes**

To: Samantha Pattridge, UEC Chair

From: Amanda McCormick, School of Criminology and Criminal Justice

Date: January 21, 2019

**Subject: Proposal for revision of pre-requisites for CRIM 400, 402, 403, 410, 412, 414, 416, 418, 419, and 450**

1. Summary of changes (select all that apply):

- ☐ Six-year review
- ☐ Number and/or course code
- ☐ Credits and/or total hours
- ☐ Title
- ☐ Calendar description
- ☒ Prerequisites and/or co-requisites
- ☐ Frequency of course offering
- ☐ Learning outcomes
- ☐ Delivery methods and/or texts and resource materials
- ☐ PLAR options, grading system, and/or evaluation methods
- ☐ Discontinuation of course
- ☐ Other – Please specify:

2. Rationale for change:

- a. We were requested by the Dean of Arts office to review our fourth year courses with regards to increasing the required university-level credits to 60 credits rather than 45. The purpose was to ensure lower-level students are not completing courses intended for completion during the final year or two of degree-level studies. Whereas some other Arts programs (e.g. HIST) require one 300-level course as a pre-req, CRIM does not offer many third-year elective options and so the decision was made to raise the pre-reqs to 60 instead. Introducing a 60-credit pre-req would be consistent practice with other Arts programs or courses (e.g. SOC, MACS, PSYC 429).
  - b. We are revising the pre-req to 90 for CRIM 450, as this is a course that students should be taking in their final year of the degree program.
- 3. If there are substantial changes to the learning outcomes, explain how they align with the learning outcomes of the program(s): n/a
  - 4. Is this course required by any program beyond the discipline? If so, how will this change affect that program or programs? n/a
  - 5. Which program areas have been consulted about the change(s)? n/a
  - 6. What consideration has been given to indigenizing the curriculum? n/a
  - 7. If this course is not eligible for PLAR, explain why: n/a

8. If any of the following items on the official course outline have changed, explain how the change will affect the budget for your area or any other area:
  - a. Credit value
  - b. Class size limit
  - c. Frequency of offering
  - d. Resources required (labs, equipment)
9. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) How are the trips funded? n/a
10. Estimate of the typical costs for this course, including textbooks and other materials: n/a

**Memo for Course Changes**

To: Samantha Pattridge, CACC Chair

From: Amanda McCormick, School of Criminology and Criminal Justice

Date: Feb 1, 2019

**Subject: Proposal for revision of CRIM 403**

1. Summary of changes (select all that apply):
  - ☐ Six-year review
  - ☐ Number and/or course code
  - ☐ Credits and/or total hours
  - ☐ Title
  - ☒ Calendar description
  - ☒ Prerequisites and/or co-requisites
  - ☐ Frequency of course offering
  - ☒ Learning outcomes
  - ☒ Delivery methods and/or texts and resource materials
  - ☐ PLAR options, grading system, and/or evaluation methods
  - ☐ Discontinuation of course
  - ☐ Other – Please specify:
2. Rationale for change: CRIM 403 was implemented in Winter 2015 and taught once using the approved course outline. Unfortunately the course overreached with attempting to include too many perspectives. The outline is being submitted with changes that tighten up the course focus.
3. If there are substantial changes to the learning outcomes, explain how they align with the learning outcomes of the program(s): this course prepares students with a solid foundational understanding of common pathways into youth crime. It provides those who may work with at-risk youth and young offenders in their careers with knowledge about the importance and methods of early prevention and intervention.
4. Is this course required by any program beyond the discipline? If so, how will this change affect that program or programs? n/a
5. Which program areas have been consulted about the change(s)? n/a
6. What consideration has been given to indigenizing the curriculum? One week is explicitly focused on Indigenous youth. Additional case studies, applicable legislation, and programming will be integrated throughout the course.
7. If this course is not eligible for PLAR, explain why: n/a
8. If any of the following items on the official course outline have changed, explain how the change will affect the budget for your area or any other area:
  - a. Credit value

- b. Class size limit
  - c. Frequency of offering
  - d. Resources required (labs, equipment)
9. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) How are the trips funded? Not required but may be offered as an optional component; these would involve opportunities to tour youth prisons and attend youth court. Students would be responsible for transportation to the event, held in the Lower Mainland/Fraser Valley.
10. Estimate of the typical costs for this course, including textbooks and other materials: \$100-\$150

**CWC comment and response:**

- Calendar description (“developmental perspective”) does not seem to match the course title of “Advanced Studies”. Suggest deleting “Advanced”.

*A developmental perspective is actually an advanced theory of crime which reflects changes that occur over the life-course which increase or reduce risk of offending. This title also reflects that this course is a more Advanced level of study than the 2nd year course on Youth Crime and the Youth Justice System in Canada (CRIM 210).*

**Memo for Course Changes**

To: Samantha Pattridge, CACC

From: Amanda McCormick, School of Criminology and Criminal Justice

Date: January 27, 2019

**Subject: Proposal for revision of CRIM 414**

1. Summary of changes (select all that apply):
  - ☒ Six-year review
  - ☐ Number and/or course code
  - ☐ Credits and/or total hours
  - ☐ Title
  - ☒ Calendar description
  - ☐ Prerequisites and/or co-requisites
  - ☐ Frequency of course offering
  - ☒ Learning outcomes
  - ☒ Delivery methods and/or texts and resource materials
  - ☐ PLAR options, grading system, and/or evaluation methods
  - ☐ Discontinuation of course
  - ☐ Other – Please specify:
2. Rationale for change: This course was overdue for review and included outdated language and terminology and needed more substantial updates to the content. We have updated the course description to meet with the current expectations of 40-55 words and third person active voice. We have also updated the learning outcomes to include measureable outcomes (e.g. articulate instead of understand), and have updated the course readings with newer text materials.
3. If there are substantial changes to the learning outcomes, explain how they align with the learning outcomes of the program(s): The learning outcomes have been updated to reflect learning expectations of a 4<sup>th</sup> year course.
4. Is this course required by any program beyond the discipline? If so, how will this change affect that program or programs? no
5. Which program areas have been consulted about the change(s)? n/a
6. What consideration has been given to indigenizing the curriculum? We strive to include Indigenous examples in all of our courses, including Indigenous methods of inquiry, Indigenous practices, and statistics or case study examples
7. If this course is not eligible for PLAR, explain why: n/a
8. If any of the following items on the official course outline have changed, explain how the change will affect the budget for your area or any other area:
  - a. Credit value
  - b. Class size limit

- c. Frequency of offering
- d. Resources required (labs, equipment)
- 9. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) How are the trips funded?
- 10. Estimate of the typical costs for this course, including textbooks and other materials: \$50-100


**ORIGINAL COURSE IMPLEMENTATION DATE:**
**REVISED COURSE IMPLEMENTATION DATE:**

September 2020

**COURSE TO BE REVIEWED:** (six years after UEC approval)

September 2024

**Course outline form version:** 09/15/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note: The University reserves the right to amend course outlines as needed without notice.**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |    |                  |  |                        |  |                                            |  |                            |   |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|----|------------------|--|------------------------|--|--------------------------------------------|--|----------------------------|---|----------------------|--|--------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> CRIM 419                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           | <b>Number of Credits:</b> 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                              |    |                  |  |                        |  |                                            |  |                            |   |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Course Full Title:</b> Victimology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |    |                  |  |                        |  |                                            |  |                            |   |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Course Short Title (if title exceeds 30 characters):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |    |                  |  |                        |  |                                            |  |                            |   |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Faculty:</b> Faculty of Social Sciences                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | <b>Department (or program if no department):</b> Criminology and Criminal Justice                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |    |                  |  |                        |  |                                            |  |                            |   |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Calendar Description:</b><br><br>An introduction to victimology's key concepts and to the study of various forms of victimization, the risk of victimization, the experience of victims of crime, the rights of victims, and the impact of various forms of victimization and associated trauma.                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |    |                  |  |                        |  |                                            |  |                            |   |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | 45 university-level credits including 9 credits of 100- or 200-level CRIM.<br>Note: As of January 2021, prerequisites will change to: 60 university-level credits including 9 credits of 100- or 200-level CRIM.                                                                                                                                                                                                                                                                                                                         |    |                              |    |                  |  |                        |  |                                            |  |                            |   |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |                              |    |                  |  |                        |  |                                            |  |                            |   |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |                              |    |                  |  |                        |  |                                            |  |                            |   |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with:<br>Equivalent course(s):<br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                                                                                                                                          |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br><br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |    |                  |  |                        |  |                                            |  |                            |   |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Total Hours: 45</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr><td>Lecture hours</td><td style="text-align: right;">20</td></tr> <tr><td>Seminars/tutorials/workshops</td><td style="text-align: right;">20</td></tr> <tr><td>Laboratory hours</td><td></td></tr> <tr><td>Field experience hours</td><td></td></tr> <tr><td>Experiential (practicum, internship, etc.)</td><td></td></tr> <tr><td>Online learning activities</td><td style="text-align: right;">5</td></tr> <tr><td>Other contact hours:</td><td></td></tr> <tr><td style="text-align: right;"><b>Total</b></td><td style="text-align: right;"><b>45</b></td></tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 20 | Seminars/tutorials/workshops | 20 | Laboratory hours |  | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities | 5 | Other contact hours: |  | <b>Total</b> | <b>45</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><br><i>Note: The specific topic will be recorded when offered.</i> |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 20        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |    |                  |  |                        |  |                                            |  |                            |   |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 20        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |    |                  |  |                        |  |                                            |  |                            |   |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |    |                  |  |                        |  |                                            |  |                            |   |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |    |                  |  |                        |  |                                            |  |                            |   |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |    |                  |  |                        |  |                                            |  |                            |   |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |    |                  |  |                        |  |                                            |  |                            |   |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |    |                  |  |                        |  |                                            |  |                            |   |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>45</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |    |                  |  |                        |  |                                            |  |                            |   |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | <b>Maximum enrolment (for information only):</b> 27<br><br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> Annually                                                                                                                                                                                                                                                                                                                                                                    |    |                              |    |                  |  |                        |  |                                            |  |                            |   |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Department / Program Head or Director:</b> Amanda McCormick                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | <b>Date approved:</b> January 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |    |                  |  |                        |  |                                            |  |                            |   |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | <b>Date approved:</b> February 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |                              |    |                  |  |                        |  |                                            |  |                            |   |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           | <b>Date of posting:</b> October 11, 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |    |                              |    |                  |  |                        |  |                                            |  |                            |   |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Dean/Associate VP:</b> Jacqueline Nolte                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | <b>Date approved:</b> February 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |                              |    |                  |  |                        |  |                                            |  |                            |   |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           | <b>Date of meeting:</b> January 31, 2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |    |                              |    |                  |  |                        |  |                                            |  |                            |   |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |

**Learning Outcomes**

Upon successful completion of this course, students will be able to:

- Discuss critically the contribution of victimology to our current understanding of victims of crime, their experience of victimization and the nature of their contacts with the criminal justice system
- Apply victimological theory to the study of complex forms of victimization
- Recognize basic trends in victimization patterns in Canada and internationally
- Describe how different groups are exposed to varying degrees to different risks of victimization
- Analyze how individuals and groups make successful social and legal claims to victimhood
- Discuss the inequality in recognition of victim status
- Explain how the rights of victims of crime are defined and protected, nationally and internationally
- Compare the relative effectiveness of policies and programs implemented in Canada and abroad for empowering victims and offering them protection, support, and assistance, including restorative justice

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes      ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)**

Lectures, guest lectures, group discussion, practical in-class exercises, analyses of information media representations.

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials (if more space is required, download Supplemental Texts and Resource Materials form)**

| Author (surname, initials)      | Title (article, book, journal, etc.)                                                                        | Current ed.                         | Publisher                             | Year |
|---------------------------------|-------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------------------------------|------|
| 1. Wemmers, J-A M               | Victimology – A Canadian Perspective                                                                        | <input checked="" type="checkbox"/> | Univ of Toronto Press                 | 2017 |
| 2. Boyce, J.                    | Victimization of Aboriginal People in Canada, 2014                                                          | <input checked="" type="checkbox"/> | Statistics Canada                     | 2015 |
| 3. Dandurand Y. & Griffiths, C. | Handbook on Restorative Justice Programmes                                                                  | <input checked="" type="checkbox"/> | United Nations                        | 2007 |
| 4. De Guissmé, L. & L. Licata   | Competition Over Collective Victimhood Recognition, European Journal of Social Psychology, 47 (1): 148–166. | <input checked="" type="checkbox"/> | European Journal of Social Psychology | 2017 |
| 5. Perreault, L.                | Criminal Victimization in Canada                                                                            | <input checked="" type="checkbox"/> | Statistics Canada                     | 2015 |

**Typical Evaluation Methods and Weighting**

|             |     |              |     |                |     |               |     |
|-------------|-----|--------------|-----|----------------|-----|---------------|-----|
| Final exam: | 30% | Assignments: | 50% | Participation: | 10% | Presentation: | 10% |
|-------------|-----|--------------|-----|----------------|-----|---------------|-----|

**Typical Course Content and Topics**

1. Introduction to victimology; history of victimology; victimology's links to criminology.
2. Evolution of the notion of crime victim; legal definitions of victims.
3. Victimization surveys; forms of victimization; recent victimization surveys in Canada; victimization of Aboriginal people in Canada; preventing victimization.
4. Risks of victimization and theoretical victimology; multiple victims; poly-victims and proneness to victimization.
5. The impact of victimization; trauma-informed approaches; responding to complex trauma in victims; developmental victimology, adverse childhood experiences, and their impact on child development; preventing violence against children.
6. Victims' rights; the Canadian Bill of Rights; the United Nations Declaration of Basic Principles on Justice for Victims of Crime and Abuse of Power; the European Union Directive.
7. Victims' needs and victim assistance; support for victims of crime in Canada, the USA, and Europe.
8. Types of victimization and their impact on victims; victims of financial crimes, fraud, and corruption; online fraud; identity theft; armed robbery; corporate crimes (corporate criminal liability and victims); state crimes, genocide, and crimes against humanity; victims of hate crimes; human trafficking; terrorist acts; family violence and intimate partner violence; sexual crimes; violence against children.
9. Elements of effective responses to different types of victimization.
10. Victim participation in the criminal justice process; tort law in Canada and available remedies for victims of crime; victim participation in proceedings of the International Criminal Court.
11. Restorative justice principles, processes, practices, programs, and outcomes; the United Nations Basic Principles on the Use of Restorative Justice Programmes in Criminal Matters; victim participation in and satisfaction with restorative justice; the role of community in restorative justice; restorative justice and the alleviation of the emotional effect of violent crime; difference between restorative justice and traditional justice practices.
12. Victims and witness protection; justice in matters involving child victims and witnesses of crime; the United Nations Guidelines on Justice in Matters Involving Child Victims and Witnesses of Crime; Compendium of United Nations Standards and Norms in Crime Prevention and Criminal Justice.
13. The social psychology of collective victimhood; claims of victimhood and "competitive victimhood"; the notion of intergenerational trauma.



ORIGINAL COURSE IMPLEMENTATION DATE: September 1992  
 REVISED COURSE IMPLEMENTATION DATE: September 2020  
 COURSE TO BE REVIEWED: (six years after UEC approval) September 2024  
 Course outline form version: 09/15/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

Note: The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|--|------------------|--|------------------------|--|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> CRIM 450                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Course Full Title:</b> Social Policy Analysis                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Course Short Title (if title exceeds 30 characters):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Faculty:</b> Faculty of Social Sciences                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           | <b>Department (or program if no department):</b> CRIM                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Calendar Description:</b><br>Discusses how social and criminal justice problems are recognized, defined, and solved with policy. Focuses on the construction, implementation, and evaluation of policy, and examines various influencing forces over policymaking.                                                                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           | Admission to the Bachelor of Arts (Criminal Justice) and 45 university-level credits including CRIM 100, CRIM 103, and 3 additional credits of 100- or 200-level CRIM.<br>Note: As of January 2021, prerequisites will change to: Admission to the Bachelor of Arts (Criminal Justice) and 90 university-level credits including CRIM 100, CRIM 103, and 3 additional credits of 100- or 200-level CRIM                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number: <b>NONE</b><br>Cross-listed with: <b>NONE</b><br>Equivalent course(s): <b>NONE</b><br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                              |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Total Hours: 45</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Lecture hours</td><td style="text-align: center;">45</td></tr> <tr><td>Seminars/tutorials/workshops</td><td></td></tr> <tr><td>Laboratory hours</td><td></td></tr> <tr><td>Field experience hours</td><td></td></tr> <tr><td>Experiential (practicum, internship, etc.)</td><td></td></tr> <tr><td>Online learning activities</td><td></td></tr> <tr><td>Other contact hours:</td><td></td></tr> <tr><td style="text-align: right;"><b>Total</b></td><td style="text-align: center;"><b>45</b></td></tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 45 | Seminars/tutorials/workshops |  | Laboratory hours |  | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>45</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i> |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 45        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>45</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           | <b>Maximum enrolment (for information only):</b> 27<br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> Winter                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Department / Program Head or Director:</b> Amanda McCormick                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | <b>Date approved:</b> January 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           | <b>Date approved:</b> February 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | <b>Date of posting:</b> October 11, 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Dean/Associate VP:</b> Jacqueline Nolte                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           | <b>Date approved:</b> February 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | <b>Date of meeting:</b> January 31, 2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |

**CRIM 450**

**University of the Fraser Valley Official Undergraduate Course Outline**

**Page 2 of 2**

**Learning Outcomes**

Upon successful completion of this course, students will be able to:

- Assess critically the types of social, economic, political, legal, and cultural forces influencing the construction of social policies;
- Discuss the role of social policy in solving issues relating to crime and criminal justice;
- Apply various models of problem definition;
- Compare and contrast theories and methods of policy implementation;
- Identify, evaluate, and compare intended and unintended consequences of policy options;
- Locate the practice of policy analysis within a global context;
- Discuss the role of evidence in policymaking
- Critique the dynamics involved in balancing democratic processes and expertise in various approaches to policy analysis; and
- Apply various evaluative models to a range of social policy analyses.

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes      ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)**

Lecture, class discussion, group presentations.

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No x

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials (if more space is required, download Supplemental Texts and Resource Materials form)**

| Author (surname, initials) | Title (article, book, journal, etc.)                               | Current ed.              | Publisher | Year |
|----------------------------|--------------------------------------------------------------------|--------------------------|-----------|------|
| 1. Pal, L.A.               | Beyond Policy Analysis: Public Issue Management in Turbulent Times | 5                        | Nelson    | 2014 |
| 2.                         |                                                                    | <input type="checkbox"/> |           |      |
| 3.                         |                                                                    | <input type="checkbox"/> |           |      |
| 4.                         |                                                                    | <input type="checkbox"/> |           |      |
| 5.                         |                                                                    | <input type="checkbox"/> |           |      |

**Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)**

**Typical Evaluation Methods and Weighting**

|                    |     |                      |     |                   |     |            |      |
|--------------------|-----|----------------------|-----|-------------------|-----|------------|------|
| Final exam:        | 25% | Class Participation: | 10% | Midterm exam:     | 20% | Practicum: | %    |
| Quizzes/tests:     | %   | Lab work:            | %   | Field experience: | %   | Shop work: | %    |
| Outline for Paper: | %   | Presentation:        | 20% | Written Paper:    | 25% | Total:     | 100% |

**Details (if necessary):**

**Typical Course Content and Topics**

Week 1 Introduction to the course  
 Week 2 Criminology and public policy  
 Week 3 Social policy in Canada  
 Week 4 Problem definition  
 Week 5 Agenda setting  
 Week 6 Exam 1  
 Week 7 Evidence-based policy  
 Week 8 Policy instruments  
 Week 9 Policy implementation  
 Week 10 Policy and program evaluation  
 Week 11 Exam 2  
 Week 12 Presentations  
 Week 13 Presentations



**ORIGINAL COURSE IMPLEMENTATION DATE:** September 2012  
**REVISED COURSE IMPLEMENTATION DATE:** September 2020  
**COURSE TO BE REVIEWED:** (six years after UEC approval) September 2024  
**Course outline form version:** 09/15/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note: The University reserves the right to amend course outlines as needed without notice.**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|----|------------------|--|------------------------|--|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> CRIM 400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Course Full Title:</b> Terrorism                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Course Short Title (if title exceeds 30 characters):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Faculty:</b> Faculty of Social Sciences                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Department (or program if no department):</b> CRIM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Calendar Description:</b><br><br>Examines the nature, extent, and causes of terrorism as an officially designated crime. Emphasis is placed on extremism as a foundation for terrorism, specific types of terrorism, and how governments and law enforcement agencies seek to counter terrorism.                                                                                                                                                                                                                                                                                                                                                                                                                           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | 45 university-level credits including 9 credits of 100- or 200- level CRIM.<br>Note: As of January 2021, prerequisites will change to: 60 university-level credits including 9 credits of 100- or 200- level CRIM.                                                                                                                                                                                                                                                                                                                       |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number: <b>CRIM 410E</b><br>Cross-listed with:<br>Equivalent course(s):<br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                                                                                                       |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br><br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Total Hours: 45</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Lecture hours</td> <td style="text-align: center;">30</td> </tr> <tr> <td>Seminars/tutorials/workshops</td> <td style="text-align: center;">15</td> </tr> <tr> <td>Laboratory hours</td> <td></td> </tr> <tr> <td>Field experience hours</td> <td></td> </tr> <tr> <td>Experiential (practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Online learning activities</td> <td></td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td style="text-align: right;"><b>Total</b></td> <td style="text-align: center;"><b>45</b></td> </tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 30 | Seminars/tutorials/workshops | 15 | Laboratory hours |  | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>45</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><br><i>Note: The specific topic will be recorded when offered.</i> |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 30        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 15        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>45</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | <b>Maximum enrolment (for information only):</b> 27<br><br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> Annually                                                                                                                                                                                                                                                                                                                                                                    |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Department / Program Head or Director:</b> Amanda McCormick                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | <b>Date approved:</b> January 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | <b>Date approved:</b> February 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           | <b>Date of posting:</b> October 11, 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Dean/Associate VP:</b> Jacqueline Nolte                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Date approved:</b> February 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | <b>Date of meeting:</b> January 31, 2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |

**CRIM 400**
**University of the Fraser Valley Official Undergraduate Course Outline**
**Page 2 of 2**
**Learning Outcomes**

Upon successful completion of this course, students will be able to:

- Analyze various complexities associated with defining, studying, and measuring terrorist behaviour.
- Assess critically the major types and policy domains of political terrorism.
- Apply the main theories advanced to explain the origins of terrorist behaviour.
- Evaluate the goals and *modus operandi* of anti-state terrorists, including organizational structures, financing, weapons, tactics, and targets, use of the media and social media and whether anti-state terrorism is 'effective'.
- Assess how public administrative agencies, particularly law enforcement and national security entities, deal with terrorism, and whether counter-terrorism efforts are 'legal' and 'effective'.
- Develop case studies of specific anti-state terrorist groups and their use of political violence with the aim of understanding the varied and complex historical and geopolitical contexts in which violent extremism emerges and the intricacies of preventing and countering political terrorism.

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes      ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)**

Lectures, class discussion, group work, guest speakers.

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials (if more space is required, download Supplemental Texts and Resource Materials form)**

| Author (surname, initials) | Title (article, book, journal, etc.)                                                                                                                               | Current ed.                         | Publisher         | Year |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-------------------|------|
| 1. Martin, G               | <i>Essentials of Terrorism. Concepts and Controversies (Fourth Edition). OR Understanding Terrorism: Challenges, Perspectives and Issues (most recent edition)</i> | <input checked="" type="checkbox"/> | Sage Publications | 2017 |
| 2. Hamilton, D & Rimsa, K. | Terror Threat. International and Homegrown Terrorists and Their threat to Canada (recommended)                                                                     | <input type="checkbox"/>            | Dundurn Press     | 2007 |
| 3.                         |                                                                                                                                                                    | <input type="checkbox"/>            |                   |      |
| 4.                         |                                                                                                                                                                    | <input type="checkbox"/>            |                   |      |
| 5.                         |                                                                                                                                                                    | <input type="checkbox"/>            |                   |      |

**Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)**
**Typical Evaluation Methods and Weighting**

|                      |     |                               |     |                   |     |            |      |
|----------------------|-----|-------------------------------|-----|-------------------|-----|------------|------|
| Exam:                | 25% | Participation and group work: | 10% | Midterm exam:     | 25% | Practicum: | %    |
| Quizzes/tests:       | %   | Lab work:                     | %   | Field experience: | %   | Shop work: | %    |
| Case Study Analysis: | 30% | Group Presentation:           | 10% | Other:            | %   | Total:     | 100% |

**Details (if necessary):**
**Typical Course Content and Topics**

|             |                                                           |
|-------------|-----------------------------------------------------------|
| Week 1:     | Introduction to terrorism                                 |
| Weeks 2-3:  | Definitions of terrorism                                  |
| Week 4:     | The causes of terrorism                                   |
| Week 5:     | The goals, tactics and targets of terrorism               |
| Week 6:     | State terrorism                                           |
| Week 7:     | International ethnic, ideological and religious terrorism |
| Week 8:     | Domestic and single-issue terrorism                       |
| Weeks 9-10: | The war on terrorism                                      |
| Week 11:    | Future trends and projections                             |
| Week 12:    | Exam                                                      |
| Week 13:    | Case study presentations                                  |



ORIGINAL COURSE IMPLEMENTATION DATE: September 2012  
 REVISED COURSE IMPLEMENTATION DATE: September 2020  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2024  
 Course outline form version: 09/15/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

Note: The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|----|------------------|--|------------------------|--|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> CRIM 402                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Course Full Title:</b> Mental Disorder and Crime                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Course Short Title (if title exceeds 30 characters):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Faculty:</b> Faculty of Social Sciences                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | <b>Department (or program if no department):</b> CRIM                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Calendar Description:</b><br>Students will review the history and current legislation that govern mental disorder and crime. The relationship between crime and specific disorders, such as Fetal Alcohol Spectrum Disorder and schizophrenia, will be examined. The response to these disorders by criminal justice agencies will be evaluated.                                                                                                                                                                                                                                                                                                                                                                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | 45 university-level credits including 9 credits of 100- or 200- level CRIM<br>Note: As of January 2021, prerequisites will change to: 60 university-level credits including 9 credits of 100- or 200- level CRIM                                                                                                                                                                                                                                                                                                                 |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number: <b>CRIM 410G</b><br>Cross-listed with: <b>NONE</b><br>Equivalent course(s): <b>NONE</b><br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                                                                            |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Total Hours: 45</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Lecture hours</td> <td style="text-align: right;">30</td> </tr> <tr> <td>Seminars/tutorials/workshops</td> <td style="text-align: right;">15</td> </tr> <tr> <td>Laboratory hours</td> <td></td> </tr> <tr> <td>Field experience hours</td> <td></td> </tr> <tr> <td>Experiential (practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Online learning activities</td> <td></td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td style="text-align: right;"><b>Total</b></td> <td style="text-align: right;"><b>45</b></td> </tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 30 | Seminars/tutorials/workshops | 15 | Laboratory hours |  | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>45</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i> |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 30        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 15        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>45</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | <b>Maximum enrolment (for information only):</b> 27<br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> Annually                                                                                                                                                                                                                                                                                                                                                                |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Department / Program Head or Director:</b> Amanda McCormick                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Date approved:</b> January 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | <b>Date approved:</b> February 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | <b>Date of posting:</b> October 11, 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Dean/Associate VP:</b> Jacqueline Nolte                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | <b>Date approved:</b> February 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Date of meeting:</b> January 31, 2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |

**CRIM 402**
**University of the Fraser Valley Official Undergraduate Course Outline**
**Page 2 of 2**
**Learning Outcomes**

Upon successful completion of this course, students will be able to:

- Describe the historical relationship between mental disorder and criminality, including traditional criminal justice responses to the mentally ill;
- Critically compare federal and provincial legislation governing the relationship between mental disorders and crime;
- Analyze the relationship between specific forms of mental disorders and criminality;
- Articulate the relationship between mental disorders and crime in vulnerable populations; and
- Critically evaluate best practices among criminal justice and social service agencies in responding to mentally disordered offenders.

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes      ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)**

Lectures, class discussion, group work.

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials (if more space is required, download Supplemental Texts and Resource Materials form)**

|    | Author (surname, initials)                   | Title (article, book, journal, etc.)                                                   | Current ed.              | Publisher                                            | Year |
|----|----------------------------------------------|----------------------------------------------------------------------------------------|--------------------------|------------------------------------------------------|------|
| 1. | Gray, J. E., Shone, M. A., and Liddle, P. F. | Canadian Mental Health Law and Policy                                                  | <input type="checkbox"/> | LexisNexis Canada, Inc.                              | 2008 |
| 2. | Gosselin, D.                                 | Crime and Mental Disorders: The Criminal Justice Resposne                              | <input type="checkbox"/> | West Academic Publishers                             | 2017 |
| 3. | Roach, K.                                    | Criminal Law                                                                           | <input type="checkbox"/> | Irwin Law, Inc.                                      | 2012 |
| 4. | Verbrugge, P.                                | Fetal Alcohol Spectrum Disorder and the Youth Criminal Justice Act: A Discussion Paper | <input type="checkbox"/> | Department of Justice Canada: Youth Justice Research | 2003 |
| 5. | Wiener, R. L., and Brank, E. M.              | Problem Solving Courts: Social Science and Legal Perspectives                          | <input type="checkbox"/> | Springer Science+Business Media, LLC                 | 2013 |

**Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)**
**Typical Evaluation Methods and Weighting**

|                     |     |              |     |                   |     |            |      |
|---------------------|-----|--------------|-----|-------------------|-----|------------|------|
| Final exam:         | 25% | Assignments: | %   | Midterm exam:     | 25% | Practicum: | %    |
| Quizzes/tests:      | %   | Lab work:    | %   | Field experience: | %   | Shop work: | %    |
| Group Presentation: | 15% | Term Paper:  | 35% | Other:            | %   | Total:     | 100% |

**Details (if necessary):**
**Typical Course Content and Topics**

Week 1: Introduction to the course  
 Week 2: Diagnosis and assessment  
 Week 3: Mental health legislation  
 Week 4: Police and mental illness  
 Week 5: Fitness to stand trial and criminal responsibility  
 Week 6: Exam 1  
 Week 7: Forensic psychiatric services  
 Week 8: Risk assessment, dangerousness, and civil commitment  
 Week 9: Special populations  
 Week 10: Interventions  
 Week 11: Exam 2  
 Week 12: Group presentations  
 Week 13: Group presentations



**ORIGINAL COURSE IMPLEMENTATION DATE:** January 2015  
**REVISED COURSE IMPLEMENTATION DATE:** September 2020  
**COURSE TO BE REVIEWED** (six years after UEC approval): September 2024  
**Course outline form version:** 05/18/2018

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

Note: The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                        |    |                     |  |                             |  |                                                              |  |                              |  |                                                |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|---------------------|--|-----------------------------|--|--------------------------------------------------------------|--|------------------------------|--|------------------------------------------------|--|--------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> CRIM 403                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                 |    |                     |  |                             |  |                                                              |  |                              |  |                                                |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Course Full Title:</b> Advanced Studies in Youth Crime and Justice<br><b>Course Short Title:</b> Adv Studies in Youth Crime<br><i>(Transcripts only display 30 characters. Departments may recommend a short title if one is needed. If left blank, one will be assigned.)</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                        |    |                     |  |                             |  |                                                              |  |                              |  |                                                |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Faculty:</b> Faculty of Social Sciences                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           | <b>Department (or program if no department):</b> Criminology & Criminal Justice                                                                                                                                                                                        |    |                     |  |                             |  |                                                              |  |                              |  |                                                |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Calendar Description:</b><br>Provides students with a developmental perspective on serious and violent youth offending, and the role of the criminal justice system and community agencies in mitigating risk.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                        |    |                     |  |                             |  |                                                              |  |                              |  |                                                |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           | 45 university-level credits, including CRIM 210 and six additional credits of 100- or 200-level CRIM.<br>Note: As of January 2021, prerequisites will change to: 60 university-level credits, including CRIM 210 and six additional credits of 100- or 200-level CRIM. |    |                     |  |                             |  |                                                              |  |                              |  |                                                |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |                                                                                                                                                                                                                                                                        |    |                     |  |                             |  |                                                              |  |                              |  |                                                |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                        |    |                     |  |                             |  |                                                              |  |                              |  |                                                |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Antirequisite Courses</b> <i>(Cannot be taken for additional credit.)</i><br>Former course code/number:<br>Cross-listed with:<br>Dual-listed with:<br>Equivalent course(s):<br><i>(If offered in the previous five years, antirequisite course(s) will be included in the calendar description as a note that students with credit for the antirequisite course(s) cannot take this course for further credit.)</i>                                                                                                                                                                                                                                                                                                                                                                                  |           | <b>Special Topics</b> <i>(Double-click on boxes to select.)</i><br>This course is offered with different topics:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, topic will be recorded when offered.)</i>                          |    |                     |  |                             |  |                                                              |  |                              |  |                                                |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Typical Structure of Instructional Hours</b><br><table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Lecture/seminar hours</td> <td style="text-align: center;">45</td> </tr> <tr> <td>Tutorials/workshops</td> <td></td> </tr> <tr> <td>Supervised laboratory hours</td> <td></td> </tr> <tr> <td>Experiential (field experience, practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Supervised online activities</td> <td></td> </tr> <tr> <td>Other contact hours: Student directed learning</td> <td></td> </tr> <tr> <td style="text-align: right;"><b>Total hours</b></td> <td style="text-align: center;"><b>45</b></td> </tr> </table> Labs to be scheduled independent of lecture hours: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes |           | Lecture/seminar hours                                                                                                                                                                                                                                                  | 45 | Tutorials/workshops |  | Supervised laboratory hours |  | Experiential (field experience, practicum, internship, etc.) |  | Supervised online activities |  | Other contact hours: Student directed learning |  | <b>Total hours</b> | <b>45</b> | <b>Independent Study</b><br>If offered as an Independent Study course, this course may be repeated for further credit: <i>(If yes, topic will be recorded.)</i><br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           | Lecture/seminar hours                                                                                                                                                                                                                                                  | 45 |                     |  |                             |  |                                                              |  |                              |  |                                                |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           | Tutorials/workshops                                                                                                                                                                                                                                                    |    |                     |  |                             |  |                                                              |  |                              |  |                                                |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| Supervised laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                        |    |                     |  |                             |  |                                                              |  |                              |  |                                                |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| Experiential (field experience, practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                                                                                                                                                                                                                                                                        |    |                     |  |                             |  |                                                              |  |                              |  |                                                |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| Supervised online activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                                                                                                                                                                                                                                                                        |    |                     |  |                             |  |                                                              |  |                              |  |                                                |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| Other contact hours: Student directed learning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                        |    |                     |  |                             |  |                                                              |  |                              |  |                                                |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Total hours</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>45</b> |                                                                                                                                                                                                                                                                        |    |                     |  |                             |  |                                                              |  |                              |  |                                                |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Transfer Credit</b><br>Transfer credit already exists: (See <a href="http://bctransferguide.ca">bctransferguide.ca</a> )<br><input type="checkbox"/> No <input checked="" type="checkbox"/> Yes<br>Submit outline for (re)articulation:<br><input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <i>(If yes, fill in transfer credit form.)</i>                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |                                                                                                                                                                                                                                                                        |    |                     |  |                             |  |                                                              |  |                              |  |                                                |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Grading System</b><br><input checked="" type="checkbox"/> Letter Grades <input type="checkbox"/> Credit/No Credit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                        |    |                     |  |                             |  |                                                              |  |                              |  |                                                |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           | <b>Maximum enrolment (for information only):</b> 36<br><b>Expected Frequency of Course Offerings:</b><br>Annually <i>(Every semester, Fall only, annually, etc.)</i>                                                                                                   |    |                     |  |                             |  |                                                              |  |                              |  |                                                |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Department / Program Head or Director:</b> Amanda McCormick                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | <b>Date approved:</b> January 2019                                                                                                                                                                                                                                     |    |                     |  |                             |  |                                                              |  |                              |  |                                                |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           | <b>Date approved:</b> February 2019                                                                                                                                                                                                                                    |    |                     |  |                             |  |                                                              |  |                              |  |                                                |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Dean/Associate VP:</b> Jacqueline Nolte                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           | <b>Date of posting:</b> February 2019                                                                                                                                                                                                                                  |    |                     |  |                             |  |                                                              |  |                              |  |                                                |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | <b>Date approved:</b> October 11, 2019                                                                                                                                                                                                                                 |    |                     |  |                             |  |                                                              |  |                              |  |                                                |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | <b>Date of meeting:</b> January 31, 2020                                                                                                                                                                                                                               |    |                     |  |                             |  |                                                              |  |                              |  |                                                |  |                    |           |                                                                                                                                                                                                                                                                                          |  |

**CRIM 403**
**University of the Fraser Valley Official Undergraduate Course Outline**
**Page 2 of 2**
**Learning Outcomes:**

Upon successful completion of this course, students will be able to:

- Discuss current crime and victimization trends among children and youth;
- Discuss the role of domestic legislation (e.g. the Youth Criminal Justice Act), policies (e.g. the Child, Family and Community Services Act), and international conventions (e.g. the United Nations Convention on the Rights of the Child) in preventing and intervening in youth offending and victimization;
- Apply a developmental perspective when discussing victimization of and offending by youth;
- Analyze critically the challenges facing at-risk populations of youth generally and in particular, special populations of youth, including Indigenous youth, children in care, youth with mental illness, lesbian-gay-bisexual-transgendered-queer youth, and female youth;
- Identify innovative interdisciplinary non-justice and justice programs and policies to prevent and intervene in a variety of at-risk youth populations.

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes      ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods** (*Guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion.*)

Seminar discussion, optional field trip

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials** (*If more space is required, download Supplemental Texts and Resource Materials form.*)

| Author (surname, initials)               | Title (article, book, journal, etc.)                                                                                                                                                  | Current ed.              | Publisher                   | Year |
|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-----------------------------|------|
| 1. Corrado, R.R. et al.                  | Serious and violent young offenders and youth criminal justice: A Canadian perspective.                                                                                               | <input type="checkbox"/> | Simon Fraser University     | 2015 |
| 2. Alain, M. et al.                      | Implementing and working with the Youth Criminal Justice Act across Canada                                                                                                            | <input type="checkbox"/> | University of Toronto Press | 2016 |
| 3. Representative for Children and Youth | Kids, Crime and Care. Health and Well-Being of Children in Care: Youth Justice Experiences and Outcomes                                                                               | <input type="checkbox"/> | Province of BC              | 2009 |
| 4. United Nations General Assembly       | Convention on the Rights of the Child. Treaty Series, 1577: 3. Available from <a href="http://www.refworld.org/docid/3ae6b38f0.html">http://www.refworld.org/docid/3ae6b38f0.html</a> | <input type="checkbox"/> |                             | 1989 |
| 5.                                       |                                                                                                                                                                                       | <input type="checkbox"/> |                             |      |

**Required Additional Supplies and Materials** (*Software, hardware, tools, specialized clothing, etc.*)

**Typical Evaluation Methods and Weighting**

|                |     |              |     |                   |   |               |      |
|----------------|-----|--------------|-----|-------------------|---|---------------|------|
| Final exam:    | 25% | Assignments: | 30% | Field experience: | % | Portfolio:    | %    |
| Midterm exam:  | 25% | Project:     | %   | Practicum:        | % | Presentation: | 20%  |
| Quizzes/tests: | %   | Lab work:    | %   | Shop work:        | % | Total:        | 100% |

**Details (if necessary):**
**Typical Course Content and Topics**

Week 1: Introduction to course, history of youth crime trends, and youth justice legislation  
 Week 2: Relevant international and domestic legislation, policies, and conventions on children and youth  
 Week 3: Children and youth as victims and/or witnesses of crime and violence  
 Week 4: Career criminality and the importance of prevention  
 Week 5: Pre-natal development  
 Week 6: Peri-natal and post-natal development  
 Week 7: Midterm  
 Week 8: Early childhood  
 Week 9: Indigenous youth  
 Week 10: Female youth  
 Week 11: LGBTQ, homelessness  
 Week 12: Comparative analysis and international approaches to child and youth issues  
 Week 13: Group presentations



ORIGINAL COURSE IMPLEMENTATION DATE: September 1992  
 REVISED COURSE IMPLEMENTATION DATE: September 2020  
 COURSE TO BE REVIEWED: (six years after UEC approval) September 2024  
 Course outline form version: 09/15/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note: The University reserves the right to amend course outlines as needed without notice.**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|----|------------------|--|------------------------|--|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> CRIM 410                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Course Full Title:</b> Selected Topics in Crime and Criminal Justice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Course Short Title (if title exceeds 30 characters):</b> Topics in Crime & CJ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Faculty:</b> Faculty of Social Sciences                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | <b>Department (or program if no department):</b> CRIM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Calendar Description:</b><br>Critically reviews selected criminal justice phenomena through an analysis of theory, methods, and research.<br><br>Note: Students should check with the School of Criminology and Criminal Justice or the timetable to determine content area and pre-requisites for a particular semester.                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | 45 university-level credits including CRIM 100, CRIM 103, and 3 additional credits of 100- or 200-level CRIM.<br><br>Note: As of January 2021, prerequisites will change to: 60 university-level credits including CRIM 100, CRIM 103, and 3 additional credits of 100- or 200-level CRIM                                                                                                                                                                                                                                                |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number: <b>NONE</b><br>Cross-listed with: <b>NONE</b><br>Equivalent course(s): <b>NONE</b><br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                                                            |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br><br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Total Hours: 45</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Lecture hours</td><td style="text-align: center;">30</td></tr> <tr><td>Seminars/tutorials/workshops</td><td style="text-align: center;">15</td></tr> <tr><td>Laboratory hours</td><td></td></tr> <tr><td>Field experience hours</td><td></td></tr> <tr><td>Experiential (practicum, internship, etc.)</td><td></td></tr> <tr><td>Online learning activities</td><td></td></tr> <tr><td>Other contact hours:</td><td></td></tr> <tr><td style="text-align: right;"><b>Total</b></td><td style="text-align: center;"><b>45</b></td></tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 30 | Seminars/tutorials/workshops | 15 | Laboratory hours |  | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>45</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input checked="" type="checkbox"/> Yes, no limit<br><br><i>Note: The specific topic will be recorded when offered.</i> |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 30        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 15        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>45</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | <b>Maximum enrolment (for information only):</b> 27<br><br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> Fall/Winter                                                                                                                                                                                                                                                                                                                                                                 |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Department / Program Head or Director:</b> Amanda McCormick                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | <b>Date approved:</b> January 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | <b>Date approved:</b> February 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | <b>Date of posting:</b> October 11, 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Dean/Associate VP:</b> Jacqueline Nolte                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | <b>Date approved:</b> February 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | <b>Date of meeting:</b> January 31, 2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |

**CRIM 410**
**University of the Fraser Valley Official Undergraduate Course Outline**
**Page 2 of 2**
**Learning Outcomes**

Upon successful completion of this course, students will be able to:

- Comprehensively describe the elements related to the criminal justice topic under study;
- Critically analyze the specific criminal justice related issue, institution, activity, or practice under study; and
- Apply relevant theories/policies/practices to the criminal justice topic under study.

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes      ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)**

Lectures and group work

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☐

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials (if more space is required, download Supplemental Texts and Resource Materials form)**

| Author (surname, initials)             | Title (article, book, journal, etc.)                                                     | Current ed.              | Publisher               | Year |
|----------------------------------------|------------------------------------------------------------------------------------------|--------------------------|-------------------------|------|
| 1. Van Tongeren Harvey, W. & Dauns, P. | Sexual offences Against Children and the Criminal Trial Process                          | <input type="checkbox"/> | Lexis Nexis             | 2001 |
| 2. Perlin, M.L. & Cucolo, H.E.         | Shaming the Constitution: The Detrimental Results of Sexual Violent Predator Legislation | <input type="checkbox"/> | Temple University Press | 2017 |
| 3. Terry, K.J.                         | Sexual Offenses and Offenders: Theory, Practice, and Policy                              | <input type="checkbox"/> | Cengage                 | 2012 |
| 4.                                     |                                                                                          | <input type="checkbox"/> |                         |      |
| 5.                                     |                                                                                          | <input type="checkbox"/> |                         |      |

**Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)**
**Typical Evaluation Methods and Weighting**

|                     |     |                   |     |                   |     |            |      |
|---------------------|-----|-------------------|-----|-------------------|-----|------------|------|
| Final exam:         | 35% | Assignments:      | %   | Midterm exam:     | 25% | Practicum: | %    |
| Quizzes/tests:      | %   | Lab work:         | %   | Field experience: | %   | Shop work: | %    |
| Group Presentation: | 15% | Essay Assignment: | 25% | Other:            | %   | Total:     | 100% |

**Details (if necessary):**
**Typical Course Content and Topics**

Week 1: Course introduction

Week 2: Sexual offences and the Criminal Code I

Week 3: Sexual offences and the Criminal Code II

Week 4: Child abuse and the internet

Week 5: Medical and psychological harms of sexual victimization

Week 6: Investigation of alleged sexual offenders

Week 7: Exam

Week 8: Prosecuting sexual offenders against adults: Preparing witnesses, procedural considerations

Week 9: Prosecuting sexual offenders against children: Assessing validity of claims and preparing testimony

Week 10: Prosecution in multivictim and/or historical cases

Week 11: Psychological assessment of sexual offenders and use of expert testimony

Week 12: Criminal justice responses to sexual offenders

Week 13: Review for exam



ORIGINAL COURSE IMPLEMENTATION DATE: September 1992  
 REVISED COURSE IMPLEMENTATION DATE: September 2020  
 COURSE TO BE REVIEWED: (six years after UEC approval) September 2024  
 Course outline form version: 09/15/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

Note: The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |   |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|---|------------------|--|------------------------|--|--------------------------------------------|--|----------------------------|----|----------------------|--|--------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> CRIM 412                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                              |   |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Course Full Title:</b> Organized Crime                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |   |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Course Short Title (if title exceeds 30 characters):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |   |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Faculty:</b> Faculty of Social Sciences                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Department (or program if no department):</b> CRIM                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |   |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Calendar Description:</b><br>Examines the issue of organized crime in Canada and its transnational dimension. Grounded in empirical research on various forms of organized crime and on the effectiveness of the criminal justice system response to this particular threat.                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |   |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | 45 university-level credits including CRIM 100, CRIM 103, and 3 additional credits of 100- or 200-level CRIM.<br>Note: As of January 2021, prerequisites will change to: 60 university-level credits including CRIM 100, CRIM 103, and 3 additional credits of 100- or 200-level CRIM.                                                                                                                                                                                                                                           |    |                              |   |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |   |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |   |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number: <b>NONE</b><br>Cross-listed with: <b>NONE</b><br>Equivalent course(s): <b>NONE</b><br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                                                                                     |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |   |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Total Hours: 45</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Lecture hours</td><td style="text-align: right;">30</td></tr> <tr><td>Seminars/tutorials/workshops</td><td style="text-align: right;">3</td></tr> <tr><td>Laboratory hours</td><td></td></tr> <tr><td>Field experience hours</td><td></td></tr> <tr><td>Experiential (practicum, internship, etc.)</td><td></td></tr> <tr><td>Online learning activities</td><td style="text-align: right;">12</td></tr> <tr><td>Other contact hours:</td><td></td></tr> <tr><td style="text-align: right;"><b>Total</b></td><td style="text-align: right;"><b>45</b></td></tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 30 | Seminars/tutorials/workshops | 3 | Laboratory hours |  | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities | 12 | Other contact hours: |  | <b>Total</b> | <b>45</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i> |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 30        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |   |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 3         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |   |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |   |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |   |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |   |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 12        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |   |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |   |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>45</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |   |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | <b>Maximum enrolment (for information only):</b> 27<br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> Winter                                                                                                                                                                                                                                                                                                                                                                  |    |                              |   |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Department / Program Head or Director:</b> Amy Prevost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | <b>Date approved:</b> January 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |                              |   |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | <b>Date approved:</b> February 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                              |   |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | <b>Date of posting:</b> October 11, 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                              |   |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Dean/Associate VP:</b> Jacqueline Nolte                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Date approved:</b> February 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                              |   |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | <b>Date of meeting:</b> January 31, 2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                              |   |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |

**CRIM 412**
**University of the Fraser Valley Official Undergraduate Course Outline**
**Page 2 of 2**
**Learning Outcomes**

Upon successful completion of this course, students will be able to:

- Analyze critically issues relating to organized crime and transnational organized crime;
- Recognize some of the greatest challenges organized crime poses for Canadian society and for the criminal justice system;
- Analyze critically academic, government and media reports on organized crime;
- Compare the effectiveness of various crime prevention, law enforcement, and other criminal justice strategies to counter organized crime

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes      ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)**

Lectures, class discussions, guest speakers.

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☐

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials (if more space is required, download Supplemental Texts and Resource Materials form)**

| Author (surname, initials) | Title (article, book, journal, etc.)             | Current ed.                         | Publisher               | Year |
|----------------------------|--------------------------------------------------|-------------------------------------|-------------------------|------|
| 1. Beare, M.               | Criminal Conspiracies -Organized Crime in Canada | <input checked="" type="checkbox"/> | Oxford University Press | 2015 |
| 2.                         |                                                  | <input type="checkbox"/>            |                         |      |
| 3.                         |                                                  | <input type="checkbox"/>            |                         |      |
| 4.                         |                                                  | <input type="checkbox"/>            |                         |      |
| 5.                         |                                                  | <input type="checkbox"/>            |                         |      |

**Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)**
**Typical Evaluation Methods and Weighting**

|                |     |                |     |                   |     |            |      |
|----------------|-----|----------------|-----|-------------------|-----|------------|------|
| Final exam:    | 30% | Assignments:   | %   | Midterm exam:     | 30% | Practicum: | %    |
| Quizzes/tests: | %   | Lab work:      | %   | Field experience: | %   | Shop work: | %    |
| Paper:         | 30% | Participation: | 10% | Other:            | %   | Total:     | 100% |

**Details (if necessary):**
**Typical Course Content and Topics**

Week 1: Introduction and overview

Week 2: Academic literature and research.

Week 3: Explaining the existence of organized crime: the theories behind organized crime

Week 4: Legal and international treaty definitions of organized crime; the United Nations Convention against Transnational Organized Crime and the protocols thereto

Week 5: Organized crime in Canada

Week 6: Midterm

Week 7: Criminal markets in Canada

Week 8: Corruption and organized crime; money laundering; emerging crime

Week 9: Organized crime enforcement: approaches and strategies

Week 10: The politics of organized crime legislation

Week 11: Organized crime enforcement and control: policing and prosecution issues

Week 12: Organized crime prevention

Week 13: International cooperation in combatting transnational organized crime



**ORIGINAL COURSE IMPLEMENTATION DATE:** Fall 1992  
**REVISED COURSE IMPLEMENTATION DATE:** September 2020  
**COURSE TO BE REVIEWED** (six years after UEC approval): January 2026  
**Course outline form version:** 05/18/2018

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note: The University reserves the right to amend course outlines as needed without notice.**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |                                                                                                                                                                                                                                                                                   |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|---------------------|--|-----------------------------|--|--------------------------------------------------------------|--|------------------------------|--|----------------------|--|--------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> CRIM 414                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                            |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Course Full Title:</b> Intervention Techniques in Corrections<br><b>Course Short Title:</b> Correctional Interventions<br><i>(Transcripts only display 30 characters. Departments may recommend a short title if one is needed. If left blank, one will be assigned.)</i>                                                                                                                                                                                                                                                                                                                                                                           |           |                                                                                                                                                                                                                                                                                   |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Faculty:</b> Faculty of Social Sciences                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Department (or program if no department):</b> Criminology & Criminal Justice                                                                                                                                                                                                   |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Calendar Description:</b><br>Examines the techniques that corrections personnel and associated professionals use to change criminal behaviour and reduce recidivism. Intervention techniques include counselling, therapy, and behaviour modification. Evidence of effectiveness of various intervention techniques for different types of offenders will be discussed.                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                   |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | 45 university-level credits including CRIM 100 and six additional credits of 100- or 200-level CRIM.<br>Note: As of January 2021, prerequisites will change to: 60 university-level credits including CRIM 100, CRIM 103, and three additional credits of 100- or 200-level CRIM. |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                   |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                   |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Antirequisite Courses</b> <i>(Cannot be taken for additional credit.)</i><br>Former course code/number:<br>Cross-listed with:<br>Dual-listed with:<br>Equivalent course(s):<br><i>(If offered in the previous five years, antirequisite course(s) will be included in the calendar description as a note that students with credit for the antirequisite course(s) cannot take this course for further credit.)</i>                                                                                                                                                                                                                                 |           | <b>Special Topics</b> <i>(Double-click on boxes to select.)</i><br>This course is offered with different topics:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, topic will be recorded when offered.)</i>                                     |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Typical Structure of Instructional Hours</b><br><table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Lecture/seminar hours</td> <td style="text-align: center;">45</td> </tr> <tr> <td>Tutorials/workshops</td> <td></td> </tr> <tr> <td>Supervised laboratory hours</td> <td></td> </tr> <tr> <td>Experiential (field experience, practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Supervised online activities</td> <td></td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td style="text-align: right;"><b>Total hours</b></td> <td style="text-align: center;"><b>45</b></td> </tr> </table> |           | Lecture/seminar hours                                                                                                                                                                                                                                                             | 45 | Tutorials/workshops |  | Supervised laboratory hours |  | Experiential (field experience, practicum, internship, etc.) |  | Supervised online activities |  | Other contact hours: |  | <b>Total hours</b> | <b>45</b> | <b>Independent Study</b><br>If offered as an Independent Study course, this course may be repeated for further credit: <i>(If yes, topic will be recorded.)</i><br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | Lecture/seminar hours                                                                                                                                                                                                                                                             | 45 |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | Tutorials/workshops                                                                                                                                                                                                                                                               |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | Supervised laboratory hours                                                                                                                                                                                                                                                       |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| Experiential (field experience, practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |                                                                                                                                                                                                                                                                                   |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| Supervised online activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |                                                                                                                                                                                                                                                                                   |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                   |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Total hours</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>45</b> |                                                                                                                                                                                                                                                                                   |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Transfer Credit</b><br>Transfer credit already exists: (See <a href="http://bctransferguide.ca">bctransferguide.ca</a> )<br><input type="checkbox"/> No <input checked="" type="checkbox"/> Yes<br>Submit outline for (re)articulation:<br><input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <i>(If yes, fill in transfer credit form.)</i>                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                   |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Grading System</b><br><input checked="" type="checkbox"/> Letter Grades <input type="checkbox"/> Credit/No Credit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                   |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| Labs to be scheduled independent of lecture hours: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                   |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Department / Program Head or Director:</b> Amanda McCormick                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           | <b>Date approved:</b> January 2019                                                                                                                                                                                                                                                |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | <b>Date approved:</b> February 2019                                                                                                                                                                                                                                               |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Dean/Associate VP:</b> Jacqueline Nolte                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Date of posting:</b> February 2019                                                                                                                                                                                                                                             |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | <b>Date approved:</b> October 11, 2019                                                                                                                                                                                                                                            |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | <b>Date of meeting:</b> January 31, 2020                                                                                                                                                                                                                                          |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                          |  |

**CRIM 414**
**University of the Fraser Valley Official Undergraduate Course Outline**
**Page 2 of 2**
**Learning Outcomes:**

Upon successful completion of this course, students will be able to:

- Explain the importance and relevance of designing intervention techniques to use with incarcerated populations.
- Discuss the theoretical foundations of intervention techniques.
- Explain the role and methods of offender assessment.
- Articulate different intervention techniques used in corrections.
- Articulate new and innovative approaches to rehabilitating incarcerated offenders.
- Explain the unique needs of subgroups of offender populations, including females and Indigenous offenders.
- Critically review the effectiveness of intervention techniques for different groups of offenders.

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes      ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods** (*Guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion.*)

Class lectures and discussions.

**NOTE:** The following sections may vary by instructor. Please see course syllabus available from the instructor.

**Typical Text(s) and Resource Materials** (*If more space is required, download Supplemental Texts and Resource Materials form.*)

|    | Author (surname, initials)          | Title (article, book, journal, etc.)                                                           | Current ed.              | Publisher       | Year |
|----|-------------------------------------|------------------------------------------------------------------------------------------------|--------------------------|-----------------|------|
| 1. | Craig, L., Dixon, L. & Gannon, T.A. | What works in offender rehabilitation: An evidence-based approach to assessment and treatment. | <input type="checkbox"/> | Wiley-Blackwell | 2013 |
| 2. |                                     |                                                                                                | <input type="checkbox"/> |                 |      |
| 3. |                                     |                                                                                                | <input type="checkbox"/> |                 |      |
| 4. |                                     |                                                                                                | <input type="checkbox"/> |                 |      |
| 5. |                                     |                                                                                                | <input type="checkbox"/> |                 |      |

**Required Additional Supplies and Materials** (*Software, hardware, tools, specialized clothing, etc.*)

**Typical Evaluation Methods and Weighting**

|                |     |              |     |                   |   |               |      |
|----------------|-----|--------------|-----|-------------------|---|---------------|------|
| Final exam:    | 30% | Assignments: | 35% | Field experience: | % | Portfolio:    | %    |
| Midterm exam:  | 20% | Project:     | %   | Practicum:        | % | Presentation: | 15%  |
| Quizzes/tests: | %   | Lab work:    | %   | Shop work:        | % | Total:        | 100% |

**Details (if necessary):**
**Typical Course Content and Topics**

Week 1: Introduction and course overview.

Week 2: From "nothing works" to "what works"

Week 3: Theoretical foundations and offender assessment

Week 4: The helper role and Cognitive Behavioural Therapy-based approaches

Week 5: Making prisons work from a rehabilitation perspective; reintegration programs

Week 6: Working with female offenders and justice-involved youth; mother-child prison programs

Week 7: Midterm

Week 8: Interventions for sexual offenders

Week 9: Group presentations

Week 10: Cultural factors in corrections; working with indigenous offenders

Week 11: Multi-agency and integrative approaches; specialized courts

Week 12: Biosocial criminology

Week 13: International perspectives and innovative programs



**ORIGINAL COURSE IMPLEMENTATION DATE:** September 1992  
**REVISED COURSE IMPLEMENTATION DATE:** September 2020  
**COURSE TO BE REVIEWED:** (six years after UEC approval) September 2024  
**Course outline form version:** 09/15/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note: The University reserves the right to amend course outlines as needed without notice.**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|----|------------------|--|------------------------|--|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> CRIM 416                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Course Full Title:</b> Media, Crime, and Criminal Justice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Course Short Title (if title exceeds 30 characters):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Faculty:</b> Faculty of Social Sciences                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | <b>Department (or program if no department):</b> CRIM                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Calendar Description:</b><br>Focuses on the relationship between media and the criminal justice system. The "social construction of reality", role of the media in creating and maintaining ideologies about crime, media distortion and sensationalism, and media as a cause and cure for crime are discussed.                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | 45 university-level credits including CRIM 100, CRIM 103, and 3 additional credits of 100- or 200-level CRIM.<br>Note: As of January 2021, prerequisites will change to: 60 university-level credits including CRIM 100, CRIM 103, and 3 additional credits of 100- or 200-level CRIM.                                                                                                                                                                                                                                           |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with:<br>Equivalent course(s):<br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                                                                                                |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Total Hours: 45</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Lecture hours</td><td style="text-align: center;">30</td></tr> <tr><td>Seminars/tutorials/workshops</td><td style="text-align: center;">15</td></tr> <tr><td>Laboratory hours</td><td></td></tr> <tr><td>Field experience hours</td><td></td></tr> <tr><td>Experiential (practicum, internship, etc.)</td><td></td></tr> <tr><td>Online learning activities</td><td></td></tr> <tr><td>Other contact hours:</td><td></td></tr> <tr><td style="text-align: right;"><b>Total</b></td><td style="text-align: center;"><b>45</b></td></tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 30 | Seminars/tutorials/workshops | 15 | Laboratory hours |  | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>45</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i> |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 30        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 15        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>45</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | <b>Maximum enrolment (for information only):</b> 27<br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> Annually                                                                                                                                                                                                                                                                                                                                                                |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Department / Program Head or Director:</b> Amanda McCormick                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | <b>Date approved:</b> January 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | <b>Date approved:</b> February 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | <b>Date of posting:</b> October 11, 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Dean/Associate VP:</b> Jacqueline Nolte                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | <b>Date approved:</b> February 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | <b>Date of meeting:</b> January 31, 2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |

**CRIM 416**
**University of the Fraser Valley Official Undergraduate Course Outline**
**Page 2 of 2**
**Learning Outcomes**

Upon successful completion of this course, students will be able to:

- Describe the role and influence of the mass media in shaping public attitudes about crime and criminal justice in our society;
- Explain the "social construction of reality";
- Analyze contextually the effect of media on the public's perceptions of the relationship between gender, ethnicity and crime;
- Analyze how mass media are an integral part of the dynamics which promote crime, crime prevention, and criminal justice policies in Canada;
- Assess critically mass media content about criminal justice; and
- Analyze the use of the media by the criminal justice system.

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)**

Lecture and class discussion

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No x

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials (if more space is required, download Supplemental Texts and Resource Materials form)**

| Author (surname, initials) | Title (article, book, journal, etc.)                                     | Current ed.              | Publisher                                                   | Year |
|----------------------------|--------------------------------------------------------------------------|--------------------------|-------------------------------------------------------------|------|
| 1. Douai, Z. & Perry, B.   | A different lens? How ethnic minority media cover crime.                 | <input type="checkbox"/> | <i>Canadian Journal of Criminology and Criminal Justice</i> | 2018 |
| 2. Surette, R.             | Cause or catalyst: the interaction of real world and media crime models. | <input type="checkbox"/> | <i>American Journal of Criminal Justice</i>                 | 2013 |
| 3. Schneider, C.J.         | Policing and social media: Social control in an era of new media         | <input type="checkbox"/> | Rowman & Littlefield                                        | 2017 |
| 4.                         |                                                                          | <input type="checkbox"/> |                                                             |      |
| 5.                         |                                                                          | <input type="checkbox"/> |                                                             |      |

**Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)**
**Typical Evaluation Methods and Weighting**

|                |     |              |     |                   |     |            |      |
|----------------|-----|--------------|-----|-------------------|-----|------------|------|
| Final exam:    | 30% | Assignments: | 40% | Midterm exam:     | 30% | Practicum: | %    |
| Quizzes/tests: | %   | Lab work:    | %   | Field experience: | %   | Shop work: | %    |
| Other:         | %   | Other:       | %   | Other:            | %   | Total:     | 100% |

**Details (if necessary):**
**Typical Course Content and Topics**

Week 1 Introduction: course overview

Week 2 The social construction of reality: the constructionist view of crime and criminal justice in the media

Week 3 Analyzing the media: contextual analysis (gender, ethnicity, crime, and the media)

Week 4 Analyzing the media: context analysis, ideology, and hegemony (gender, ethnicity, crime, and the media)

Week 5 Crime and the criminal justice system as represented in the entertainment media: print, film, television, and radio

Week 6 Crime and justice in the news media

Week 7 Media influence on attitudes, beliefs, and perceptions about crime and the justice system

Week 8 Distortion of criminal justice issues in the media

Week 9 Sensationalism and crime news: serial murderers and myth construction

Week 10 Media as a cause and cure for crime

Week 11 Media trials: media coverage and the courts

Week 12 The question of corporate crime: pack journalism and the Westray Mine disaster

Week 13 Criminological praxis: deconstructing and reconstructing the news



ORIGINAL COURSE IMPLEMENTATION DATE: September 2018  
 REVISED COURSE IMPLEMENTATION DATE: September 2020  
 COURSE TO BE REVIEWED: (six years after UEC approval) September 2024  
 Course outline form version: 09/15/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

Note: The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|----|------------------|--|------------------------|--|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> CRIM 418                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Course Full Title:</b> Techniques of Crime Prevention                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Course Short Title (if title exceeds 30 characters):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Faculty:</b> Faculty of Social Sciences                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Department (or program if no department):</b> CRIM                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Calendar Description:</b><br>Critically examines the contemporary field of crime prevention. Students will examine the theoretical foundations of various approaches to crime prevention and the evaluative research available to assess the efficacy of these initiatives.                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | 45 university-level credits including CRIM 100, CRIM 103, and 3 additional credits of 100- or 200-level CRIM.<br>Note: As of January 2021, prerequisites will change to: 60 university-level credits including CRIM 100, CRIM 103, and 3 additional credits of 100- or 200-level CRIM.                                                                                                                                                                                                                                           |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with:<br>Equivalent course(s):<br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                                                                                                                        |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Total Hours: 45</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Lecture hours</td> <td style="text-align: center;">30</td> </tr> <tr> <td>Seminars/tutorials/workshops</td> <td style="text-align: center;">15</td> </tr> <tr> <td>Laboratory hours</td> <td></td> </tr> <tr> <td>Field experience hours</td> <td></td> </tr> <tr> <td>Experiential (practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Online learning activities</td> <td></td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td style="text-align: right;"><b>Total</b></td> <td style="text-align: center;"><b>45</b></td> </tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 30 | Seminars/tutorials/workshops | 15 | Laboratory hours |  | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>45</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i> |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 30        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 15        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>45</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | <b>Maximum enrolment (for information only):</b> 27<br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> Annually                                                                                                                                                                                                                                                                                                                                                                |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Department / Program Head or Director:</b> Amanda McCormick                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | <b>Date approved:</b> January 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | <b>Date approved:</b> February 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           | <b>Date of posting:</b> October 11, 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Dean/Associate VP:</b> Jacqueline Nolte                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Date approved:</b> February 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | <b>Date of meeting:</b> January 31, 2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |

**CRIM 418**
**University of the Fraser Valley Official Undergraduate Course Outline**
**Page 2 of 2**
**Learning Outcomes**

Upon successful completion of this course, students will be able to:

- Articulate the complex meaning of the term 'crime prevention'.
- Explain how crime prevention policies and practices are linked to political ideologies and beliefs about crime, whether or not such beliefs are accurate.
- Critique major crime prevention approaches that have been tried in Canada and other countries in terms of their underlying theory, assumptions, and potential for or actual success based on the available empirical research evidence.

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes      ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)**

Lectures, guest speakers

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☐

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials (if more space is required, download Supplemental Texts and Resource Materials form)**

| Author (surname, initials) | Title (article, book, journal, etc.)  | Current ed.                         | Publisher                          | Year |
|----------------------------|---------------------------------------|-------------------------------------|------------------------------------|------|
| 1. Schneider, S. P         | Crime Prevention: Theory and Practice | <input checked="" type="checkbox"/> | CRC Press Taylor and Francis Group | 2015 |
| 2.                         |                                       | <input type="checkbox"/>            |                                    |      |
| 3.                         |                                       | <input type="checkbox"/>            |                                    |      |
| 4.                         |                                       | <input type="checkbox"/>            |                                    |      |
| 5.                         |                                       | <input type="checkbox"/>            |                                    |      |

**Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)**
**Typical Evaluation Methods and Weighting**

|                |     |              |     |                   |   |            |      |
|----------------|-----|--------------|-----|-------------------|---|------------|------|
| Final exam:    | 25% | Assignments: | 65% | Midterm exam:     | % | Practicum: | %    |
| Quizzes/tests: | %   | Lab work:    | %   | Field experience: | % | Shop work: | %    |
| Participation: | 10% | Other:       | %   | Other:            | % | Total:     | 100% |

**Details (if necessary):**
**Typical Course Content and Topics**

1. Course introduction.
2. Theories and practices. What is crime prevention? Components and challenges of crime prevention within the criminal justice system.
3. Situational Crime Prevention (SCP): Discussion will focus on applied definitions, theories, assumptions, programs and critiques of SCP.
4. Crime Prevention through Environmental Design (CPTED). Applying theory of SCP through CPTED. Assignment #1 instructions.
5. Crime Prevention through Social Development (CPSD). Underlying theories, risk factors, application.
6. Restorative action as crime prevention. Guest speaker.
7. Assignment #1 due/Assignment #1 presentations
8. Assignment presentations (1st half of class). Community- and problem-oriented policing. Theories, distinguishing characteristics, and application.
9. Community- and problem-oriented policing continued. Planning, implementing, and assessing a project (class exercise: practical application to a local problem). Assignment #2 instructions (CAPRA). Assignment #3 (major paper).
10. Terrorism prevention: Is it effective? Guest speaker. Assignment #2 due.
11. Crime reduction model. Guest speaker.
12. Community Crime Prevention (CPP): A look at theories, practices, and programs associated to the importance of CPP.
13. Assignment #3 due. Role of government and police in crime prevention.

**Memo for Course Changes**

To: **School of Business Curriculum Committee**

From: **Lorne Mackenzie**

Date: April 09, 2019

Subject: **Strategic Management Simulation (Bus 405)**

1. Summary of changes (select all that apply):
  - ☒ Six-year review
  - ☐ Number and/or course code
  - ☐ Credits and/or total hours
  - ☒ Title
  - ☒ Calendar description
  - ☐ Prerequisites and/or co-requisites
  - ☐ Frequency of course offering
  - ☒ Learning outcomes
  - ☐ Delivery methods and/or texts and resource materials
  - ☒ PLAR options, **grading system**, and/or evaluation methods
  - ☐ Discontinuation of course
  - ☒ Other – Please specify: **addition of supplementary course content**
2. Rationale for change: **To change the course title so that it more accurately reflect the existing course content. Also to communicate the simulation has a global perspective. The amendments do not change the nature or focus of the course content.**
3. If there are substantial changes to the learning outcomes, explain how they align with the learning outcomes of the program(s): **Changes to learning outcomes are not substantial.**
4. Is this course required by any program beyond the discipline? If so, how will this change affect that program or programs? **No**
5. Which program areas have been consulted about the change(s)?
6. What consideration has been given to indigenizing the curriculum? **The global simulation itself is difficult to indigenize however efforts will be undertaken to indigenize other aspects of the curriculum.**
7. If this course is not eligible for PLAR, explain why: **N/A**
8. If any of the following items on the official course outline have changed, explain how the change will affect the budget for your area or any other area:
  - a. Credit value
  - b. Class size limit
  - c. Frequency of offering
  - d. Resources required (labs, equipment)

9. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) How are the trips funded? **N/A**
10. Estimate of the typical costs for this course, including textbooks and other materials: \$ 80.00

**CWC comments and responses:**

- Suggest adding “department permission” to the prerequisites, as this is a capstone course.  
  
*We do not feel this is necessary. Bus 403 is a pre/corequisite for Bus 405. In order to take Bus 403 students must successfully complete Bus 349 (Financial Management 1). Any students wishing to enrol in Bus 403/405 could do so in the last semester of their third year of studies. We do not see many third year students doing this.*
- Has the department considered using standard business student simulation software in this course (or is it already used)?  
  
*The department is currently using a standard business simulation in the course.*



**ORIGINAL COURSE IMPLEMENTATION DATE:** September 2010  
**REVISED COURSE IMPLEMENTATION DATE:** September 2020  
**COURSE TO BE REVIEWED** (six years after UEC approval): February 2024  
**Course outline form version:** 05/18/2018

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

Note: The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                    |  |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------|----|---------------------|----|-----------------------------|--|--------------------------------------------------------------|--|------------------------------|--|----------------------|--|--------------------|-----------|
| <b>Course Code and Number:</b> BUS 405                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                             |  |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Course Full Title:</b> Business Management Simulation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                                                    |  |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Course Short Title:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                    |  |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Faculty:</b> Faculty of Professional Studies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | <b>Department (or program if no department):</b> School of Business                                                                                                                                                                                                                                                                                                |  |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Calendar Description:</b><br>This course together with Bus 403 form a capstone that enables the student to understand the process of formulating a business strategy with a global perspective and putting it into practice through participating in a business management simulation. Students take on the role of a practicing manager charged with running a company.                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                                                    |  |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | Admission to the Bachelor of Business Administration degree or Bachelor of Business Administration (Aviation) degree.                                                                                                                                                                                                                                              |  |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | None                                                                                                                                                                                                                                                                                                                                                               |  |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | BUS 403                                                                                                                                                                                                                                                                                                                                                            |  |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Antirequisite Courses</b> ( <i>Cannot be taken for additional credit.</i> )<br>Former course code/number:<br>Cross-listed with:<br>Dual-listed with:<br>Equivalent course(s):<br>( <i>If offered in the previous five years, antirequisite course(s) will be included in the calendar description as a note that students with credit for the antirequisite course(s) cannot take this course for further credit.</i> )                                                                                                                                                                                                                                                                    |           | <b>Special Topics</b> ( <i>Double-click on boxes to select.</i> )<br>This course is offered with different topics:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes ( <i>If yes, topic will be recorded when offered.</i> )                                                                                                                  |  |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | <b>Independent Study</b><br>If offered as an Independent Study course, this course may be repeated for further credit: ( <i>If yes, topic will be recorded.</i> )<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit                                                                         |  |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | <b>Transfer Credit</b><br>Transfer credit already exists: (See <a href="http://bctransferguide.ca">bctransferguide.ca</a> )<br><input type="checkbox"/> No <input checked="" type="checkbox"/> Yes<br>Submit outline for (re)articulation:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes ( <i>If yes, fill in transfer credit form.</i> ) |  |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | <b>Grading System</b><br><input checked="" type="checkbox"/> Letter Grades <input type="checkbox"/> Credit/No Credit                                                                                                                                                                                                                                               |  |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | <b>Maximum enrolment (for information only):</b> 25<br><b>Expected Frequency of Course Offerings:</b><br>Every semester                                                                                                                                                                                                                                            |  |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <caption>Typical Structure of Instructional Hours</caption> <tr> <td>Lecture/seminar hours</td> <td style="text-align: center;">10</td> </tr> <tr> <td>Tutorials/workshops</td> <td style="text-align: center;">35</td> </tr> <tr> <td>Supervised laboratory hours</td> <td></td> </tr> <tr> <td>Experiential (field experience, practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Supervised online activities</td> <td></td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td style="text-align: right;"><b>Total hours</b></td> <td style="text-align: center;"><b>45</b></td> </tr> </table> |           |                                                                                                                                                                                                                                                                                                                                                                    |  | Lecture/seminar hours | 10 | Tutorials/workshops | 35 | Supervised laboratory hours |  | Experiential (field experience, practicum, internship, etc.) |  | Supervised online activities |  | Other contact hours: |  | <b>Total hours</b> | <b>45</b> |
| Lecture/seminar hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10        |                                                                                                                                                                                                                                                                                                                                                                    |  |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| Tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 35        |                                                                                                                                                                                                                                                                                                                                                                    |  |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| Supervised laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                                                    |  |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| Experiential (field experience, practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |                                                                                                                                                                                                                                                                                                                                                                    |  |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| Supervised online activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |                                                                                                                                                                                                                                                                                                                                                                    |  |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                    |  |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Total hours</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>45</b> |                                                                                                                                                                                                                                                                                                                                                                    |  |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| Labs to be scheduled independent of lecture hours: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |                                                                                                                                                                                                                                                                                                                                                                    |  |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Department / Program Head or Director:</b> Dr. Frank Ulbrich                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | <b>Date approved:</b> May 21, 2019                                                                                                                                                                                                                                                                                                                                 |  |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | <b>Date approved:</b> November 8, 2019                                                                                                                                                                                                                                                                                                                             |  |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Dean/Associate VP:</b> Dr. Tracy Ryder Glass                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | <b>Date approved:</b> November 8, 2019                                                                                                                                                                                                                                                                                                                             |  |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           | <b>Date of posting:</b> January 10, 2020                                                                                                                                                                                                                                                                                                                           |  |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | <b>Date of meeting:</b> January 31, 2020                                                                                                                                                                                                                                                                                                                           |  |                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |

**Learning Outcomes:**

Upon successful completion of this course, students will be able to:

- LO1. Solve complex, poorly-defined problems in an environment characterized by a high degree of uncertainty.
- LO2. Conduct a comprehensive situation assessment to identify strategic issues facing a global enterprise.
- LO3. Demonstrate the ability to prepare and present a comprehensive industry analysis to a simulated group of industry stakeholders.
- LO4. Formulate a business strategy with a global perspective for a complex company operation in a strategy simulation.
- LO5. Execute a business strategy with a global perspective by running a simulated company in a highly competitive environment.
- LO6. Demonstrate the ability to effectively present a company's annual financial and operating results at a simulated Board of Directors meeting.
- LO7. Demonstrate the ability to present a company's three year financial and operating performance versus the company's strategic plan and related investor expectations to a group of shareholders at a simulated Annual General Meeting.
- LO8. Demonstrate stronger collaboration and teamwork skills as a result of having to make difficult decisions under stressful conditions.

**Prior Learning Assessment and Recognition (PLAR)**

☐ Yes ☒ No, PLAR cannot be awarded for this course because BUS 405 is a capstone course

**Typical Instructional Methods**

Lectures, discussions, presentations, and computerized business simulation.

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials** (If more space is required, download Supplemental Texts and Resource Materials form.)

| Author (surname, initials) | Title (article, book, journal, etc.) | Current ed.                         | Publisher   | Year |
|----------------------------|--------------------------------------|-------------------------------------|-------------|------|
| 1. Thompson, A. A.         | The Business Strategy Game           | <input checked="" type="checkbox"/> | McGraw-Hill |      |
| 2.                         |                                      | <input type="checkbox"/>            |             |      |
| 3.                         |                                      | <input type="checkbox"/>            |             |      |
| 4.                         |                                      | <input type="checkbox"/>            |             |      |
| 5.                         |                                      | <input type="checkbox"/>            |             |      |

**Required Additional Supplies and Materials** (Software, hardware, tools, specialized clothing, etc.)

**Typical Evaluation Methods and Weighting**

|                   |      |                  |      |                   |     |            |      |
|-------------------|------|------------------|------|-------------------|-----|------------|------|
| Final exam:       | 25 % | Presentations    | 10 % | Field experience: | %   | Portfolio: | %    |
| Quizzes:          | 5 %  | Article Review   | 5 %  | Practicum:        | %   |            |      |
| Peer evaluations: | 5 %  | Strategic Plans: | 10 % | Simulation:       | 40% | Total:     | 100% |

**Typical Course Content and Topics**

Module One: Review of the strategic management process and simulation introduction

- Review the strategic management process and its relation to the company simulation
- Introduction to the business simulation
- Practice running the business simulation.
- Detailed discussion of company operating and financial reports for each practice session.
- Use a balanced score card to evaluate a company's strategic performance.
- Using scenario development to identify and assess potential corporate and business strategies.

Module Two: Develop the company's strategic plan(s) and then execute the plan.

- Preparation of the company's strategic plans (2 times)
- A formal weekly presentation and discussion of company profiles, industry and competitive conditions by selected "analysts".
- Weekly In-class individual company meetings with a consultant (faculty member) to discuss strategies and issues.
- Weekly analysis and decision making in teams to successfully run their simulated company.
- Meetings with the company's Board of Directors (2 times) to review company performance against strategic plan targets.
- Presentation of the company's operating and financial performance to shareholders at the Annual General Meeting.
- Weekly article review discussions on selected topics in global strategy

Quizzes, Final exam (LO 1 – 4)

Article review (LO 2,4)

Presentations (LO 6 - 7)

Strategic plan development (LO 1 – 4)

Simulation performance and peer evaluations (LO 5, 8 - 10)

**Memo for Course Changes**

To: Samantha Pattridge, CACC

From: Heather Davis-Fisch – Director, SOCA

Date: May 29, 2019

**Subject: Proposal for revision of Art History 316**

1. Summary of changes (select all that apply):

- ☒ Six-year review
- ☐ Number and/or course code
- ☐ Credits and/or total hours
- ☐ Title
- ☒ Calendar description
- ☒ Prerequisites and/or co-requisites
- ☐ Frequency of course offering
- ☒ Learning outcomes
- ☒ Delivery methods and/or texts and resource materials
- ☒ PLAR options, grading system, and/or evaluation methods
- ☐ Discontinuation of course
- ☐ Other – Please specify:

2. Rationale for change: Changes to content, learning outcomes and resources in response to its six-year review make this course more contemporary, relevant and responsive to the trajectory of gender and sexuality based courses today.

3. If there are substantial changes to the learning outcomes, explain how they align with the learning outcomes of the program(s): N/A

4. Is this course required by any program beyond the discipline? If so, how will this change affect that program or programs? The changes will not affect any associated program.

5. Which program areas have been consulted about the change(s)? VAPC, AH faculty

6. What consideration has been given to indigenizing the curriculum?

Aspects of Indigenous culture and gender issues are always addressed in AH 316 and these problematics are introduced on the syllabus for each offered class (the readings, lectures, presentations change as each syllabus follows the new scholarship and available publications). When covering "Gender, Race and Sex" (week 6) and "Gender and Class / Gender and Nation" (week 7) issues of struggle and violence have been introduced from various perspectives including Indigenous cultures in colonial and post-colonial contexts approached globally. Some specific examples that are considered are: Maggie Tate, "Re-presenting Invisibility: Ghostly Aesthetics in Rebecca Belmore's *Vigil* and *The Named and the Unnamed*;" (Canadian context); Ila N. Sheran, "Coco Fusco and Guillermo Gómez-Peña's *Cage Performance* and La Pocha Nostra's *Mapa Corpo: Art of the [Portable] Border*" (North American context); Wendy S. Shaw, "After Nulla: Through the Lens of Aboriginal Art" (Australian context). Likewise, when covering "Transgressing Gender Confines..." (week 13) Indigenous concepts of Two—Spirit persons

are discussed (using, for example, text by Daniel Saenz, “Kent Monkman’s Trappers of Men: (De/Re) Constructing Identity, Gender, and Sexuality”).

7. If this course is not eligible for PLAR, explain why: N/A
8. If any of the following items on the official course outline have changed, explain how the change will affect the budget for your area or any other area: N/A
  - a. Credit value
  - b. Class size limit
  - c. Frequency of offering
  - d. Resources required (labs, equipment)
9. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) How are the trips funded? N/A
10. Estimate of the typical costs for this course, including textbooks and other materials: \$100-200+ approximate



**ORIGINAL COURSE IMPLEMENTATION DATE:** September 1998  
**REVISED COURSE IMPLEMENTATION DATE:** September 2020  
**COURSE TO BE REVIEWED** (six years after UEC approval): January 2026  
**Course outline form version:** 05/18/2018

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                          |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|---------------------|----|-----------------------------|--|--------------------------------------------------------------|--|------------------------------|--|----------------------|--|--------------------|-----------|----------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> AH 316                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Number of Credits:</b> 4 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                   |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Course Full Title:</b> Arts in Context: Gender, Art, and Society<br><b>Course Short Title:</b> Gender, Art, and Society<br><i>(Transcripts only display 30 characters. Departments may recommend a short title if one is needed. If left blank, one will be assigned.)</i>                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                          |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Faculty:</b> Faculty of Humanities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Department (or program if no department):</b> Visual Arts                                                                                                                                                                                                                                                                             |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Calendar Description:</b><br>An examination of how gender has influenced the creation and reception of visual arts including a consideration of interrelations of gender, class, race, and sexuality, as well as the impact of feminism and critical theory.                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                          |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | 6 credits of 100- or 200-level Art History, or 45 university-level credits.                                                                                                                                                                                                                                                              |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                          |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                          |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Antirequisite Courses</b> <i>(Cannot be taken for additional credit.)</i><br>Former course code/number:<br>Cross-listed with:<br>Dual-listed with:<br>Equivalent course(s):<br><i>(If offered in the previous five years, antirequisite course(s) will be included in the calendar description as a note that students with credit for the antirequisite course(s) cannot take this course for further credit.)</i>                                                                                                                                                                                                                                                            |           | <b>Special Topics</b> <i>(Double-click on boxes to select.)</i><br>This course is offered with different topics:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, topic will be recorded when offered.)</i>                                                                                            |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | <b>Independent Study</b><br>If offered as an Independent Study course, this course may be repeated for further credit: <i>(If yes, topic will be recorded.)</i><br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit                                                            |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | <b>Transfer Credit</b><br>Transfer credit already exists: (See <a href="#">bctransferguide.ca</a> )<br><input type="checkbox"/> No <input checked="" type="checkbox"/> Yes<br>Submit outline for (re)articulation:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, fill in transfer credit form.)</i> |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Typical Structure of Instructional Hours</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Lecture/seminar hours</td> <td style="text-align: center;">40</td> </tr> <tr> <td>Tutorials/workshops</td> <td style="text-align: center;">20</td> </tr> <tr> <td>Supervised laboratory hours</td> <td></td> </tr> <tr> <td>Experiential (field experience, practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Supervised online activities</td> <td></td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td style="text-align: right;"><b>Total hours</b></td> <td style="text-align: center;"><b>60</b></td> </tr> </table> |           | Lecture/seminar hours                                                                                                                                                                                                                                                                                                                    | 40 | Tutorials/workshops | 20 | Supervised laboratory hours |  | Experiential (field experience, practicum, internship, etc.) |  | Supervised online activities |  | Other contact hours: |  | <b>Total hours</b> | <b>60</b> | <b>Grading System</b><br><input checked="" type="checkbox"/> Letter Grades <input type="checkbox"/> Credit/No Credit |  |
| Lecture/seminar hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 40        |                                                                                                                                                                                                                                                                                                                                          |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| Tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 20        |                                                                                                                                                                                                                                                                                                                                          |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| Supervised laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                          |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| Experiential (field experience, practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                          |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| Supervised online activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                          |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                                                                                                                                          |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Total hours</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>60</b> |                                                                                                                                                                                                                                                                                                                                          |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| Labs to be scheduled independent of lecture hours: <input type="checkbox"/> No <input type="checkbox"/> Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | <b>Maximum enrolment (for information only):</b> 25<br><b>Expected Frequency of Course Offerings:</b><br><b>Once every 2 years</b> <i>(Every semester, Fall only, annually, etc.)</i>                                                                                                                                                    |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Department / Program Head or Director:</b> Heather Davis-Fisch                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | <b>Date approved:</b> May 24, 2019                                                                                                                                                                                                                                                                                                       |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | <b>Date approved:</b> September 13, 2019                                                                                                                                                                                                                                                                                                 |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Dean/Associate VP:</b> Jacqueline Nolte                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | <b>Date approved:</b> September 13, 2019                                                                                                                                                                                                                                                                                                 |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Date of posting:</b> January 10, 2020                                                                                                                                                                                                                                                                                                 |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           | <b>Date of meeting:</b> January 31, 2020                                                                                                                                                                                                                                                                                                 |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |

AH 316

University of the Fraser Valley Official Undergraduate Course Outline

Page 2 of 2

## Learning Outcomes:

Upon successful completion of this course, students will be able to:

- Articulate the ways in which gender has impacted the creation, circulation and reception of works of art
- Define and use a specialized vocabulary in articulating one's own opinions and commentaries on relationship between gender construction, art production/reception, and society
- Describe the origins of some of the key historical and current methodologies and theoretical trends addressing gender issues in arts and visual culture
- Interpret visual arts and culture in relation to its socio-political context
- Engage critically in the analysis of visual communication related to gender
- Apply appropriate disciplinary research methods and critical approaches in discussions, presentations and written projects

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes      ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods** (*Guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion.*)

A combination of lectures, seminars, discussions, readings and (optional) field trips.

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

## Typical Text(s) and Resource Materials (*If more space is required, download Supplemental Texts and Resource Materials form.*)

| Author (surname, initials) | Title (article, book, journal, etc.)                     | Current ed.              | Publisher          | Year |
|----------------------------|----------------------------------------------------------|--------------------------|--------------------|------|
| 1. Lord, C. and R. Mayer   | <i>Art &amp; Queer Culture</i> , 2 <sup>nd</sup> Edition | <input type="checkbox"/> | Phaidon            | 2019 |
| 2. Dekel, T.               | <i>Gendered: Art and Feminist Theory</i>                 | <input type="checkbox"/> | Cambridge          | 2013 |
| 3. Buikema, R. ed          | <i>Doing Gender in Media, Art and Culture</i>            | <input type="checkbox"/> | Routledge          | 2009 |
| 4. Brennan, M              | <i>Painting Gender, Constructing Theory</i>              | <input type="checkbox"/> | MIT Press          | 2002 |
| 5. Moi, T                  | <i>Sex, Gender and the Body</i>                          | <input type="checkbox"/> | Oxford Univ. Press | 2004 |

## Required Additional Supplies and Materials (*Software, hardware, tools, specialized clothing, etc.*)

## Typical Evaluation Methods and Weighting

|                |     |              |     |               |   |            |      |
|----------------|-----|--------------|-----|---------------|---|------------|------|
| Final exam:    | 20% | Assignments: | 45% | Midterm exam: | % | Portfolio: | %    |
| Participation  | 5%  | Project:     | 30% | Practicum:    | % | Other:     | %    |
| Quizzes/tests: | %   | Lab work:    | %   | Shop work:    | % | Total:     | 100% |

## Details (if necessary):

## Typical Course Content and Topics

Week 1: Gender and Art / Gender in Art History – Practice and Theory  
 Week 2: Questioning the Canon: Gender and Genre  
 Week 3: Gender beyond Feminism and "Women's Studies" / Gender Performativity  
 Week 4: Theorizing the Nude  
 Week 5: Rethinking the Gaze  
 Week 6: Gender, Race and Sex  
 Week 7: Gender and Class / Gender and Nation  
 Week 8: Gender and Age / Gender and Ability  
 Week 9: Gender and Architecture – Public and Domestic Spaces  
 Week 10: Gender and Landscape  
 Week 11: Gender and Photography  
 Week 12: Gender and Film  
 Week 13: Transgressing Gender Confines: Intersex, Queer, Trans

**Memo for New Course****Proposal for new course (insert title of course): THEA 210 Movement for Living****1. Rationale for new course:**

This course is designed to offer non-theatre students a class focused on mind-body connection and kinesthetic integrity, and to support creative arts students in finding a grounded, available, and articulate body. Making an effort to address the widespread anxiety in our student body, this course uses breathwork, relaxation techniques, and mindfulness exercises to help students release tension, generate healthy body alignment, and better manage stress. For non-theatre students, this course builds on the work of THEA 111 Acting Skills for Work and Life; but THEA 210 also stands alone as a course that uses theatre practices, techniques, exercises, and activities to enhance non-verbal communication, self-confidence, and presentation skills. For students in the creative arts, this course contributes to the development of a physical instrument that is increasingly present and vulnerable, with a fuller capacity to identify and follow impulses, and with access to deeper listening and greater spontaneity in creative expression.

**2. How this new course fits into program(s):**

THEA 210 focuses on creating a grounded, neutral body that can articulate strong movement choices in acting work to enhance an actor's believability and range of physicality. It emphasizes alignment, posture, and whole-body movement (rather than voice or gesture) to inhabit and express character. Understanding basic experiential anatomy contributes to greater self-awareness and safer movement choices for individual movers, and re-establishing a neutral body enhances the potential for kinesthetic responsiveness in ensemble work. These attributes are necessary for the refinement of creative, expressive, and efficient movement: honing and developing an actor's physicality and stage movement will directly support the work done in higher level scene study courses and advanced acting classes.

**3. Explain how the course learning outcomes align with the learning outcomes of the program(s):**

THEA 210 addresses the following Theatre Program Learning Outcomes:

1. **Execute performances appropriate for a range of contexts:** students learn about precision, gesture, gaze, and alignment, enabling them to feel grounded in their bodies, promote mindful movement, and enrich creative expression—qualities that extend across disciplines and into everyday life.
2. **Collaborate effectively as part of an ensemble team:** physical collaboration that is movement focused and not text-driven requires students to activate a different skill set and asks them to think architecturally or choreographically about ensemble work.
3. **Apply self-reflexivity and informed, purposeful criteria to critique and improve creative practice:** students learn to identify personal postural habits, and then make physical or mental

adjustments to promote neutral alignment, shifts that contribute to reduced physical tension and increased kinaesthetic integrity.

4. **Appreciate how theatre is inter-related to knowledge and skills in other disciplines:** this course explores connections to kinesiology through experiential anatomy and natural movement principles. We find crossover between mind-body work in yoga and various somatic practices with presence work in acting. The kinesthetic knowledges explored in this course draw directly from dance study and practice, a discipline long entwined with theatre, but often eschewed from within its bounds.
5. **Communicate effectively in written, verbal, and non-verbal languages in a variety of contexts and settings, using current technologies appropriately:** students develop a physical and intellectual vocabulary to describe, analyze, and perform movement observation. In this way, we work to develop an ability to translate from non-verbal to verbal, and subsequently to written, communication strategies. We apply theoretical approaches like Viewpoints and movement principles developed by Rudolf Laban and Michael Chekhov to personal and ensemble creative work in order to foster a critical understanding of how movement operates as a language in its own right.

4. Will this course be required by any program beyond the discipline? If so, how will this course affect that program or programs? No
5. Which program areas have been consulted about the course?
6. If a new discipline designation is required, explain why:
7. What consideration has been given to indigenizing the curriculum?

The suggested course texts include the *First Nations Perspective on Health and Wellness* created by the First Nations Health Authority. This text emphasizes a holistic vision of health and wellness and the interconnected areas of body, mind, emotion, and spirit. This provides a framework that enhances the connections discussed in many formalized movement systems like yoga and somatic techniques. THEA 210's emphasis on kinesthetic knowledge aligns with the valuation of embodied and relational knowledge that characterizes many Indigenous ways of knowing.

8. If this course is not eligible for PLAR, explain why:
9. Explain how each of the following will affect the budget for your area or any other area:
  - Credit value
  - Class size limit
  - Frequency of offering
  - Resources required (labs, equipment)
10. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) No

**CWC comments and responses:**

- Why is this being proposed as a 200-level course rather than a 100-level course?

*The course is at 200-level because it is more specific in its focus and more challenging than THEA 111. We also hoped that placing the course at 200-level would be suitable for diploma students who need 200-level credits.*

- Evaluation: 25% for participation is high. UEC is typically concerned when participation exceeds 10%.

*25% is not unusual for an acting class in voice or body, where most of the evaluation occurs through participation in class exercises. Instructors provide students with a rubric for participation and evaluate it formally at more than one point in the term (typically 2-3 assessments, with feedback provided to students).*

*"In-class work" or "in class assignments" might be a better title for this section, if we want it to not be participation, and this would still be clear to students reviewing the course outline - below is what appears in other lower-level, no prerequisite theatre syllabi in this regard. This assessment is about both actual movement competency and about students fully engaging in class exercises (being present not just attending class), contributing to an ensemble, providing and responding to feedback, and ability to take progressively greater risks over the course of a semester... Other options for this might be "class exercises and participation" "experiential exercises".*

**In-Class Work**

Creating a positive, collaborative group dynamic is essential in this class. Your mark is based partially on how you work to generate a supportive, encouraging, safe environment where all members of the class feel comfortable taking risks, and want to try their best. Another part is careful and thoughtful observation, self-reflection, and constructive feedback on other's work. It includes habits like arriving on time, ready to work, and being accountable to your scene partner later in the semester. It means being attentive and fully participating in class exercises and activities. Your grade will also reflect your willingness to take risks, challenge personal obstacles, and grow over the course of the semester. If you are frequently late or absent, check your phone during class, or are generally disruptive, your participation grade will be impacted. Please see the In-Class Work Rubric on Blackboard.

*This has been changed to "class exercises and participation".*

**From:** [Jill Bain](#)  
**To:** [Eric Spalding](#); [Melissa Walter](#); [Jordan Zimmermann](#); [Parjad Sharifi](#); [Aleksandra Idzior](#); [Chris Friesen](#); [Davida Kidd](#); [Geoffrey Carr](#); [Grace Tsurumaru](#); [Melanie Jones](#); [Tetsuomi Anzai](#); [Joanna Sheppard](#); [Linda Pardy](#); [Karin Jager](#)  
**Cc:** [Heather DavisFisch](#); [Anna Griffith](#)  
**Subject:** RE: THEA 210 Memo and Official Course Outline - On Behalf of Heather Davis-Fisch  
**Date:** May-28-19 3:20:33 PM

---

I echo all of the positive support for this course as a worthwhile addition to THEA curriculum--I think we would all benefit from taking this!

Best,  
Jill

---

**From:** Eric Spalding  
**Sent:** Tuesday, May 28, 2019 12:54 PM  
**To:** Melissa Walter; Jordan Zimmermann; Parjad Sharifi; Aleksandra Idzior; Chris Friesen; Davida Kidd; Geoffrey Carr; Grace Tsurumaru; Jill Bain; Melanie Jones; Tetsuomi Anzai; Joanna Sheppard; Linda Pardy; Karin Jager  
**Cc:** Heather DavisFisch; Anna Griffith  
**Subject:** RE : THEA 210 Memo and Official Course Outline - On Behalf of Heather Davis-Fisch

Hi Heather,

This sounds like a good course for theatre and non-theatre students alike. I personally liked the rationale for indigenization.

This course might be a good complement to *CYC 275 Wellness and Mindfulness-Based Practices* and *SOC 299R/MACS 299E Media Images & the Body*.

There might also be a place in THEA 210 for "contemplative practices" [e.g., Daniel P. Barbezat and Mirabai Bush, *Contemplative Practices in Higher Education* (San Francisco: Jossey-Bass, 2014)].

Kind regards,

Eric S.

---

**De :** Melissa Walter  
**Envoyé :** 28 mai 2019 10:27  
**À :** Jordan Zimmermann; Parjad Sharifi; Aleksandra Idzior; Chris Friesen; Davida Kidd; Geoffrey Carr; Grace Tsurumaru; Jill Bain; Melanie Jones; Tetsuomi Anzai; Joanna Sheppard; Linda Pardy; Eric Spalding; Karin Jager  
**Cc :** Heather DavisFisch; Anna Griffith  
**Objet :** RE: THEA 210 Memo and Official Course Outline - On Behalf of Heather Davis-Fisch

Hooray! I am so happy to see this course in development.  
Very best,  
M

Melissa Walter, Ph.D.  
Associate Professor and Head  
Department of English  
University of the Fraser Valley  
Abbotsford, BC, Canada V2S 7M8  
Located on unceded Stó:lo Territory

<https://www.routledge.com/Rethinking-Shakespeare-Source-Study-Audiences-Authors-and-Digital-Technologies/Britton-Walter/p/book/9781138123076>

<https://journals.uvic.ca/index.php/scene/issue/view/1343>

---

**From:** Jordan Zimmermann

**Sent:** Monday, May 27, 2019 4:05 PM

**To:** Parjad Sharifi; Aleksandra Idzior; Chris Friesen; Davida Kidd; Geoffrey Carr; Grace Tsurumaru; Jill Bain; Melanie Jones; Tetsuomi Anzai; Joanna Sheppard; Linda Pardy; Eric Spalding; Karin Jager; Melissa Walter

**Cc:** Heather DavisFisch; Anna Griffith

**Subject:** THEA 210 Memo and Official Course Outline - On Behalf of Heather Davis-Fisch

Hi all,

Anna and Alana, in Theatre, have been working on this idea for a new course. We feel like it would serve students across creative arts and more broadly in the College of Arts (and there are some tie ins to physical education as well), and that it would give students somewhere to go after taking THEA 111, our acting course for non-majors. We're at an early stage, but I am hoping to get feedback on this to see whether we should pursue this further.

Thanks,  
Heather

Heather Davis-Fisch  
Associate Professor, Theatre and English  
Director, School of Creative Arts  
University of the Fraser Valley

Views and Reviews editor, *Canadian Theatre Review*

<http://www.playwrightscanada.com/index.php/canadian-performance-histories-and-historiographies.html>

<http://www.playwrightscanada.com/index.php/past-lives-performing-canada-s-histories.html>

**From:** [Joanna Sheppard](#)  
**To:** [Linda Pardy](#); [Jordan Zimmermann](#); [Parjad Sharifi](#); [Aleksandra Idzior](#); [Chris Friesen](#); [Davida Kidd](#); [Geoffrey Carr](#); [Grace Tsurumaru](#); [Jill Bain](#); [Melanie Jones](#); [Tetsuomi Anzai](#); [Eric Spalding](#); [Karin Jager](#); [Melissa Walter](#)  
**Cc:** [Heather DavisFisch](#); [Anna Griffith](#); [Hannah Celinski](#)  
**Subject:** RE: THEA 210 Memo and Official Course Outline - On Behalf of Heather Davis-Fisch  
**Date:** May-28-19 9:17:33 AM

---

Hi Jordyn et al!

This sounds like a great course. I would certainly guide my students to taking this course to further their knowledge in the area!

Cheers

Jo

Joanna Sheppard, PhD  
Associate Professor  
Kinesiology  
University of the Fraser Valley  
45190 Caen Avenue  
Chilliwack, BC  
V2R 0N3

---

From: Linda Pardy  
Sent: May 27, 2019 11:30 PM  
To: Jordan Zimmermann; Parjad Sharifi; Aleksandra Idzior; Chris Friesen; Davida Kidd; Geoffrey Carr; Grace Tsurumaru; Jill Bain; Melanie Jones; Tetsuomi Anzai; Joanna Sheppard; Eric Spalding; Karin Jager; Melissa Walter  
Cc: Heather DavisFisch; Anna Griffith; Hannah Celinski  
Subject: RE: THEA 210 Memo and Official Course Outline - On Behalf of Heather Davis-Fisch

Hi Jordan thanks for sharing this with me. I am in full support of this type of course! Movement is a key form of communication! CMNS recently hired, as a B faculty member Hannah Celinski and she has a background in theatre, dance and movement. Hannah does not officially start until mid August, but I have looped her into this discussion because she will be a much great resource than I. However, I am happy to champion this new course.

Take care Linda

---

From: Jordan Zimmermann  
Sent: May 27, 2019 4:05 PM  
To: Parjad Sharifi; Aleksandra Idzior; Chris Friesen; Davida Kidd; Geoffrey Carr; Grace Tsurumaru; Jill Bain; Melanie Jones; Tetsuomi Anzai; Joanna Sheppard; Linda Pardy; Eric Spalding; Karin Jager; Melissa Walter  
Cc: Heather DavisFisch; Anna Griffith  
Subject: THEA 210 Memo and Official Course Outline - On Behalf of Heather Davis-Fisch

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Thanks,  
Heather

Heather Davis-Fisch  
Associate Professor, Theatre and English  
Director, School of Creative Arts

University of the Fraser Valley

Views and Reviews editor, Canadian Theatre Review

<http://www.playwrightscanada.com/index.php/canadian-performance-histories-and-historiographies.html>

<http://www.playwrightscanada.com/index.php/past-lives-performing-canada-s-histories.html>



ORIGINAL COURSE IMPLEMENTATION DATE: September 2020  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED (six years after UEC approval): January 2026  
 Course outline form version: 05/18/2018

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

Note: The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|---------------------|----|-----------------------------|--|--------------------------------------------------------------|--|------------------------------|--|----------------------|--|--------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Course Code and Number:</b> THEA 210                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                        |
| <b>Course Full Title:</b> Movement for Living<br><b>Course Short Title:</b><br><i>(Transcripts only display 30 characters. Departments may recommend a short title if one is needed. If left blank, one will be assigned.)</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                        |
| <b>Faculty:</b> Faculty of Humanities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Department (or program if no department):</b> Theatre                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                        |
| <b>Calendar Description:</b><br>Students will engage in a kinesthetic process that enhances healthy alignment, movement precision and range, and mind-body connection. A wide range of movement techniques are paired with breathwork and relaxation exercises to support non-verbal communication, mindful movement, and creative expression.                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                        |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | None.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                        |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                        |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                        |
| <b>Antirequisite Courses</b> <i>(Cannot be taken for additional credit.)</i><br>Former course code/number:<br>Cross-listed with:<br>Dual-listed with:<br>Equivalent course(s):<br><i>(If offered in the previous five years, antirequisite course(s) will be included in the calendar description as a note that students with credit for the antirequisite course(s) cannot take this course for further credit.)</i>                                                                                                                                                                                                                                                               | <b>Special Topics</b> <i>(Double-click on boxes to select.)</i><br>This course is offered with different topics:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, topic will be recorded when offered.)</i><br><b>Independent Study</b><br>If offered as an Independent Study course, this course may be repeated for further credit: <i>(If yes, topic will be recorded.)</i><br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><b>Transfer Credit</b><br>Transfer credit already exists: <i>(See <a href="#">bctransferguide.ca</a>.)</i><br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes<br>Submit outline for (re)articulation:<br><input type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, fill in transfer credit form.)</i> |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                        |
| <b>Typical Structure of Instructional Hours</b><br><table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Lecture/seminar hours</td> <td style="text-align: center;">10</td> </tr> <tr> <td>Tutorials/workshops</td> <td style="text-align: center;">35</td> </tr> <tr> <td>Supervised laboratory hours</td> <td></td> </tr> <tr> <td>Experiential (field experience, practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Supervised online activities</td> <td></td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td style="text-align: right;"><b>Total hours</b></td> <td style="text-align: center;"><b>45</b></td> </tr> </table> | Lecture/seminar hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10 | Tutorials/workshops | 35 | Supervised laboratory hours |  | Experiential (field experience, practicum, internship, etc.) |  | Supervised online activities |  | Other contact hours: |  | <b>Total hours</b> | <b>45</b> | <b>Grading System</b><br><input checked="" type="checkbox"/> Letter Grades <input type="checkbox"/> Credit/No Credit<br><b>Maximum enrolment (for information only):</b><br><b>Expected Frequency of Course Offerings:</b><br>Annually |
| Lecture/seminar hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                        |
| Tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 35                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                        |
| Supervised laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                        |
| Experiential (field experience, practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                        |
| Supervised online activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                        |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                        |
| <b>Total hours</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>45</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                        |
| Labs to be scheduled independent of lecture hours: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                        |
| <b>Department / Program Head or Director:</b> Heather Davis-Fisch                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Date approved:</b> October 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                        |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Date approved:</b> October 11, 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                        |
| <b>Dean/Associate VP:</b> Jacqueline Nolte                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Date approved:</b> October 11, 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                        |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Date of posting:</b> January 10, 2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                        |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Date of meeting:</b> January 31, 2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                        |

**THEA 210**
**University of the Fraser Valley Official Undergraduate Course Outline**
**Page 2 of 2**
**Learning Outcomes:**

Upon successful completion of this course, students will be able to:

- Participate in physical exercises to promote introspective kinesthetic awareness.
- Describe basic anatomical structures.
- Employ vocabulary to catalog and compare qualities of movement.
- Apply movement observation strategies to identify restrictive movement habits.
- Select appropriate movement practices and principles to adjust personal movement habits.
- Create individual and ensemble presentations or performances that integrate two or more recognized movement practices or principles.
- Critique one's own and others' presentations or performances constructively.
- Use critique from self, peers, and instructor to refine physical performance.
- Collaborate effectively as part of an ensemble to create original performances.

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes      ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods** (*Guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion.*)

Individual physical exercises, class presentations, discussions, movement observation and analysis, reflection journal.

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials** (*If more space is required, download Supplemental Texts and Resource Materials form.*)

| Author (surname, initials)        | Title (article, book, journal, etc.)                                              | Current ed.                         | Publisher                      | Year |
|-----------------------------------|-----------------------------------------------------------------------------------|-------------------------------------|--------------------------------|------|
| 1. First Nations Health Authority | <i>First Nations Perspectives on Health and Wellness</i>                          | <input checked="" type="checkbox"/> | First Nations Health Authority | 2019 |
| 2. Potter, N.                     | <i>Movement for Actors</i>                                                        | <input checked="" type="checkbox"/> | Allsworth                      | 2017 |
| 3. Fraleigh, S.                   | <i>Moving Consciously: Somatic Transformations Through Dance, Yoga, and Touch</i> | <input type="checkbox"/>            | University of Illinois Press   | 2015 |
| 4. Bogart, A. and Landau, T.      | <i>The Viewpoints Book: A Practical Guide to Viewpoints</i>                       | <input type="checkbox"/>            | Theatre Communications Group   | 2004 |
| 5.                                |                                                                                   | <input type="checkbox"/>            |                                |      |

**Required Additional Supplies and Materials** (*Software, hardware, tools, specialized clothing, etc.*)

**Typical Evaluation Methods and Weighting**

|                |     |              |     |                |     |                                    |     |
|----------------|-----|--------------|-----|----------------|-----|------------------------------------|-----|
| Quizzes/tests: | 10% | Assignments: | 40% | Presentations: | 25% | Class exercises and participation: | 25% |
|----------------|-----|--------------|-----|----------------|-----|------------------------------------|-----|

**Details (if necessary):** Assignments may include guided reflection journal, formal movement observation, and reading responses.

**Typical Course Content and Topics**

Week 1: Grounding  
 Week 2: Breath, presence, and frames of wellness  
 Week 3: Alignment and neutral body  
 Week 4: Somatic techniques for tension release  
 Week 5: Natural movement through space  
 Week 6: Kinesthetic precision  
 Week 7: Movement impulse  
 Week 8: Spatial awareness and the gaze  
 Week 9: Movement principles  
 Week 10: Movement observation  
 Week 11: Individual viewpoints  
 Week 12: Ensemble viewpoints  
 Week 13: Mindful movement and creative expression

**Memo for Course Changes**

To: UEC Pre-Screening

From: Michelle Rhodes, Chair, Integrated and General Studies

Date: 9 December 2019

**Subject: Proposal for revision of PORT 398**

1. Summary of changes (select all that apply):

- ☐ Six-year review
- ☐ Number and/or course code
- ☐ Credits and/or total hours
- ☒ Title
- ☒ Calendar description
- ☒ Prerequisites and/or co-requisites
- ☐ Frequency of course offering
- ☒ Learning outcomes
- ☒ Delivery methods and/or texts and resource materials
- ☐ PLAR options, grading system, and/or evaluation methods
- ☐ Discontinuation of course
- ☐ Other – Please specify:

2. Rationale for change:

This course has run for two years, and during this time, we've determined what is 'working' and what is not. The course as currently offered does not offer enough rigour or relevance to student programs. It was determined that a greater emphasis on bridging academic and career learning was needed earlier on, in PORT 398, then solely within PORT 399. The course rigour has also been improved with the increasing expectation that students will focus more on detailed planning and assessment exercises in line with reflective practice and portfolio development.

3. If there are substantial changes to the learning outcomes, explain how they align with the learning outcomes of the program(s):

PORT 398 is a requirement of the BES, BES-NS, and BIS, each of which have a professional competency requirement. The updates to PORT 398 will strengthen the student's ability to demonstrate this. The new learning outcomes are a combination of revisions to older outcomes and the introduction of new outcomes. The goal in these changes is to reflect the greater emphasis on the planning and ethics needed to bridge academic and professional life, regardless of where in one's career journey they may be. More emphasis is placed on complex issues related to social responsibility and work/life readiness.

4. Is this course required by any program beyond the discipline? If so, how will this change affect that program or programs?  
The course is a requirement of the Bachelor of Integrated Studies, the Bachelor of Environmental Studies, and the Bachelor of Environmental Studies (Natural Sciences). The changes to PORT 398 will further facilitate a student's ability to meet the professional competency requirement in each of those degrees.
5. Which program areas have been consulted about the change(s)?  
Bachelor of Integrated Studies, College of Arts Curriculum Committee, and Environmental Studies Curriculum Committee.
6. What consideration has been given to indigenizing the curriculum?  
A learning outcome has been added that explicitly addresses Indigenous ways of knowing within career development.
7. If this course is not eligible for PLAR, explain why:  
Course requires connection to past UFV academic practice.
8. If any of the following items on the official course outline have changed, explain how the change will affect the budget for your area or any other area:
  - a. Credit value
  - b. Class size limit
  - c. Frequency of offering
  - d. Resources required (labs, equipment)No change
9. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) How are the trips funded? N/A
10. Estimate of the typical costs for this course, including textbooks and other materials:  
No cost; all materials are on-line

**CWC comment and response:**

- Is it correct that this PORT course is no longer assessed by a portfolio?

*Portfolios are an evaluation tool used in the class, as artifacts and reflections are organized within Blackboard, as well as in a digital depository (self-designed as part of each student's records management). The raison d'etre of the course is not to develop a portfolio, but to use portfolio tools to demonstrate transferable skills, learning practices, and career transition practices.*



ORIGINAL COURSE IMPLEMENTATION DATE: January 2017  
 REVISED COURSE IMPLEMENTATION DATE: September 2020  
 COURSE TO BE REVIEWED (six years after UEC approval): September 2022  
 Course outline form version: 05/18/2018

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

Note: The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                       |  |                     |    |                             |  |                                                              |  |                              |    |                      |  |                    |           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|--|---------------------|----|-----------------------------|--|--------------------------------------------------------------|--|------------------------------|----|----------------------|--|--------------------|-----------|
| <b>Course Code and Number:</b> PORT 398                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Number of Credits:</b> 4 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                       |  |                     |    |                             |  |                                                              |  |                              |    |                      |  |                    |           |
| <b>Course Full Title:</b> Portfolio I: Bridging University and Career<br><b>Course Short Title:</b><br><i>(Transcripts only display 30 characters. Departments may recommend a short title if one is needed. If left blank, one will be assigned.)</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                       |  |                     |    |                             |  |                                                              |  |                              |    |                      |  |                    |           |
| <b>Faculty:</b> College of Arts                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Department (or program):</b> Integrated and General Studies Program Committee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                       |  |                     |    |                             |  |                                                              |  |                              |    |                      |  |                    |           |
| <b>Calendar Description:</b><br>Integration of critical, reflective assessments into school-work-life balance and professional change and advancement. Students will explore diverse perspectives on the meaning of work, articulate personal and professional values embedded in one's work and plan for advancement, and create an individualized plan that bridges university learning and professional practices and expectations.<br><br>Note: Students with credit for ARTS 299 or ADED 472 cannot take this course for further credit.                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                       |  |                     |    |                             |  |                                                              |  |                              |    |                      |  |                    |           |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 45 university-level credits. Note: As of January 2021, prerequisites will change to the following: 60 university level credits including at least 6 credits completed at UFV, or permission of Integrated Studies program chair.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                       |  |                     |    |                             |  |                                                              |  |                              |    |                      |  |                    |           |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                       |  |                     |    |                             |  |                                                              |  |                              |    |                      |  |                    |           |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                       |  |                     |    |                             |  |                                                              |  |                              |    |                      |  |                    |           |
| <b>Antirequisite Courses</b> <i>(Cannot be taken for additional credit.)</i><br>Former course code/number:<br>Cross-listed with:<br>Dual-listed with:<br>Equivalent course(s): <b>ARTS 299, ADED 472</b><br><i>(If offered in the previous five years, antirequisite course(s) will be included in the calendar description as a note that students with credit for the antirequisite course(s) cannot take this course for further credit.)</i>                                                                                                                                                                                                                                                                                                                                                                          | <b>Special Topics</b> <i>(Double-click on boxes to select.)</i><br>This course is offered with different topics:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, topic will be recorded when offered.)</i><br><br><b>Independent Study</b><br>If offered as an Independent Study course, this course may be repeated for further credit: <i>(If yes, topic will be recorded.)</i><br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><br><b>Transfer Credit</b><br>Transfer credit already exists: <i>(See <a href="http://bctransferguide.ca">bctransferguide.ca</a>.)</i><br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes<br>Submit outline for (re)articulation:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, fill in transfer credit form.)</i><br><br><b>Grading System</b><br><input checked="" type="checkbox"/> Letter Grades <input type="checkbox"/> Credit/No Credit<br><br><b>Maximum enrolment (for information only):</b> 36<br><b>Expected Frequency of Course Offerings:</b><br><i>(Every semester, Fall only, annually, etc.)</i> Every semester |                       |  |                     |    |                             |  |                                                              |  |                              |    |                      |  |                    |           |
| <b>Typical Structure of Instructional Hours</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr> <td>Lecture/seminar hours</td> <td></td> </tr> <tr> <td>Tutorials/workshops</td> <td style="text-align: center;">25</td> </tr> <tr> <td>Supervised laboratory hours</td> <td></td> </tr> <tr> <td>Experiential (field experience, practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Supervised online activities</td> <td style="text-align: center;">20</td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td style="text-align: right;"><b>Total hours</b></td> <td style="text-align: center;"><b>45</b></td> </tr> </table> Labs to be scheduled independent of lecture hours: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Lecture/seminar hours |  | Tutorials/workshops | 25 | Supervised laboratory hours |  | Experiential (field experience, practicum, internship, etc.) |  | Supervised online activities | 20 | Other contact hours: |  | <b>Total hours</b> | <b>45</b> |
| Lecture/seminar hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                       |  |                     |    |                             |  |                                                              |  |                              |    |                      |  |                    |           |
| Tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                       |  |                     |    |                             |  |                                                              |  |                              |    |                      |  |                    |           |
| Supervised laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                       |  |                     |    |                             |  |                                                              |  |                              |    |                      |  |                    |           |
| Experiential (field experience, practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                       |  |                     |    |                             |  |                                                              |  |                              |    |                      |  |                    |           |
| Supervised online activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                       |  |                     |    |                             |  |                                                              |  |                              |    |                      |  |                    |           |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                       |  |                     |    |                             |  |                                                              |  |                              |    |                      |  |                    |           |
| <b>Total hours</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>45</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                       |  |                     |    |                             |  |                                                              |  |                              |    |                      |  |                    |           |
| <b>Department / Program Head or Director:</b> Michelle Rhodes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Date approved:</b> December 4, 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                       |  |                     |    |                             |  |                                                              |  |                              |    |                      |  |                    |           |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Date approved:</b> December 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                       |  |                     |    |                             |  |                                                              |  |                              |    |                      |  |                    |           |
| <b>Dean/Associate VP:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Date approved:</b> December 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                       |  |                     |    |                             |  |                                                              |  |                              |    |                      |  |                    |           |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Date of posting:</b> January 24, 2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |  |                     |    |                             |  |                                                              |  |                              |    |                      |  |                    |           |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Date of meeting:</b> January 31, 2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |  |                     |    |                             |  |                                                              |  |                              |    |                      |  |                    |           |

**Learning Outcomes:**

Upon successful completion of this course, students will be able to:

1. Implement a self-reflective learning and self-evaluation practice using a critical lens.
2. Practice Indigenous ways of knowing as part of reflective personal career development.
3. Identify personal and professional values that inform choices made in work and future directions to be taken.
4. Articulate professional skills acquired, in progress of development, and in need of future development.
5. Critically evaluate labour market trends and their related personal work/life readiness characteristics.
6. Articulate one's responsibility of care to one's communities that result from one's academic and professional practices.
7. Appraise effective uses of career development research and resources to show how combining fields of study and/or lifelong learning create hybrid occupational opportunities for future work/life growth.
8. Create a digital depository to collect evidence of transferable skills and learning experiences (developed through work, volunteer, extracurricular, experiential learning, and academic experiences etc) that can be customized for individual audiences and purposes.
9. Produce an action plan that bridges university goals with work/life and career development visions and values.

**Prior Learning Assessment and Recognition (PLAR)**

☐ Yes      ☒ No, PLAR cannot be awarded for this course because it requires reflection on past academic performance

**Typical Instructional Methods** (*Guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion.*)

Workshops, seminar discussion, and portfolio development.

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials** (*If more space is required, download Supplemental Texts and Resource Materials form.*)

| Author (surname, initials) | Title (article, book, journal, etc.)          | Current ed.                         | Publisher    | Year |
|----------------------------|-----------------------------------------------|-------------------------------------|--------------|------|
| 1. Dillon, Dave            | Blueprint for Success: Career Decision Making | <input checked="" type="checkbox"/> | OER          | 2019 |
| 2. Thompson, D             | A World Without Work                          | <input type="checkbox"/>            | The Atlantic | 2015 |
| 3.                         |                                               | <input type="checkbox"/>            |              |      |
| 4.                         |                                               | <input type="checkbox"/>            |              |      |

**Required Additional Supplies and Materials** (*Software, hardware, tools, specialized clothing, etc.*)

Internet access; OER Texts will be used plus additional online "free-to-access" materials.

**Typical Evaluation Methods and Weighting**

|               |   |              |     |                   |    |            |      |
|---------------|---|--------------|-----|-------------------|----|------------|------|
| Final exam:   | % | Assignments: | 75% | Field experience: | 0% | Portfolio: | 25%  |
| Midterm exam: | % | Project:     | %   | Practicum:        | 0% | Total:     | 100% |

**Details (if necessary):**

|                                         |     |
|-----------------------------------------|-----|
| Customized Learning Plan (CLP)          | 10% |
| Labour market/skills inventory          | 20% |
| Identity Map (IM)                       | 20% |
| Reflection practice assignments         | 10% |
| Work/life action plan                   | 10% |
| Final professional portfolio depository | 25% |
| Professionalism                         | 5%  |

**Typical Course Content and Topics**

**Module 1:** Methodologies, purposes and strategies for self-reflective learning and self-evaluation practices. Reflective practice and Indigenous ways of knowing. Elements of the Indigenized workplace.

**Module 2a & 2b:** Defining individual work/life readiness in context to personal identity, individual learning goals, value identification, labour market forecasts, historical and cultural understandings of work vs. career, university credentialism, professional practices/certifications, life transition planning, and individual career development over the life span.

**Module 3:** Mapping individual professional skills, areas of study, and interests to occupational and personal (family and leisure) pathways. Researching opportunities and resources needed for a rapidly changing and disruptive world.

**Module 4:** Evaluating digital methods for maintaining evidence of transferable skills and customizing employment related documentation (e.g., e-portfolios, digital dossiers, CVs, resumes, presentation materials)

**Module 5:** Creating a university to post-university work/life career development action plan

**Memo for Course Changes**

To: UEC Pre-Screening

From: Michelle Rhodes, Chair, Integrated and General Studies

Date: 9 December 2019

**Subject: Proposal for revision of PORT 399**

1. Summary of changes (select all that apply):

- ☐ Six-year review
- ☐ Number and/or course code
- ☐ Credits and/or total hours
- ☒ Title
- ☒ Calendar description
- ☒ Prerequisites and/or co-requisites
- ☐ Frequency of course offering
- ☒ Learning outcomes
- ☒ Delivery methods and/or texts and resource materials
- ☐ PLAR options, grading system, and/or evaluation methods
- ☐ Discontinuation of course
- ☐ Other – Please specify:

2. Rationale for change:

PORT 398 and 399 have run for two years, and during this time, we've determined what is 'working' and what is not. Substantial revisions to PORT 398 have necessitated a reframing of both that course and PORT 399, which are designed to work together. The introduction of more career thinking in PORT 398 allows us to introduce more difficult and complex material into PORT 399, related to career 'security'—what to do in light of automation, structural change, etc.

3. If there are substantial changes to the learning outcomes, explain how they align with the learning outcomes of the program(s):

PORT 399 is a requirement of the BIS, which has a professional competency requirement. The updates to PORT 399 will strengthen the student's ability to demonstrate this. PORT 399 is currently required by the BA as well. The revisions strengthen the course, and they will link to planned revisions to ARTS 299 next semester, as well as to PORT 398 at this time.

The new learning outcomes are a combination of revisions to older outcomes and the introduction of new outcomes. The goal in these changes is to reflect the greater emphasis on career security, promotion, mobility, and professional ethics.

4. Is this course required by any program beyond the discipline? If so, how will this change affect that program or programs?

The course is a requirement of the Bachelor of Integrated Studies and the Bachelor of Arts. PORT 399's changes will not substantially change in regard to either program's learning outcomes.

5. Which program areas have been consulted about the change(s)?  
Bachelor of Integrated Studies and College of Arts Curriculum Committee.
6. What consideration has been given to indigenizing the curriculum?  
A learning outcome has been added that explicitly addresses Indigenous ways of knowing in career adaptation.
7. If this course is not eligible for PLAR, explain why:  
Course requires connection to past UFV academic practice.
8. If any of the following items on the official course outline have changed, explain how the change will affect the budget for your area or any other area:
  - a. Credit value
  - b. Class size limit
  - c. Frequency of offering
  - d. Resources required (labs, equipment)No change
9. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) How are the trips funded? N/A
10. Estimate of the typical costs for this course, including textbooks and other materials:  
No cost; all materials are online

**CWC comments and responses:**

- Is it correct that this PORT course is no longer assessed by a portfolio?  
*Portfolios are an evaluation tool used in the class, as artifacts and reflections are organized within Blackboard and third-party (e.g. LinkedIn) sites. Students build from and add to their digital depository (self-designed as part of each student's records management). The raison d'être of the course is not to develop a portfolio, but to use portfolio tools to demonstrate transferable skills, learning practices, and career transition practices.*
- Learning outcome #8: can "digital application" be better defined? This may be confusing.  
*Applications are digital in nature and are largely web-based, but could theoretically be app-based. Hence, 'digital' rather than web-based applications specifically within the learning outcome. Examples include LinkedIn, Wix, etc. and lists of these will be included on course outlines. However, we do not want to include these examples on the official course outline, as the breadth of applications is changing all the time.*



**ORIGINAL COURSE IMPLEMENTATION DATE:** January 2017  
**REVISED COURSE IMPLEMENTATION DATE:** September 2020  
**COURSE TO BE REVIEWED** (six years after UEC approval): September 2022  
**Course outline form version:** 05/18/2018

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

Note: The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                  |   |                     |    |                             |  |                                                              |  |                              |    |                      |  |                    |           |                                                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---------------------|----|-----------------------------|--|--------------------------------------------------------------|--|------------------------------|----|----------------------|--|--------------------|-----------|----------------------------------------------------------------------------------------------------------------------|
| <b>Course Code and Number:</b> PORT 399                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>Number of Credits:</b> 4 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                           |   |                     |    |                             |  |                                                              |  |                              |    |                      |  |                    |           |                                                                                                                      |
| <b>Course Full Title:</b> Portfolio II Career Development: Designing Career Mobility<br><b>Course Short Title:</b> Designing Career Mobility<br><i>(Transcripts only display 30 characters. Departments may recommend a short title if one is needed. If left blank, one will be assigned.)</i>                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                  |   |                     |    |                             |  |                                                              |  |                              |    |                      |  |                    |           |                                                                                                                      |
| <b>Faculty:</b> College of Arts                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Department (or program):</b> Integrated and General Studies Program Committee                                                                                                                                                                                                                                                                                 |   |                     |    |                             |  |                                                              |  |                              |    |                      |  |                    |           |                                                                                                                      |
| <b>Calendar Description:</b><br>Drawing on skills learned throughout their degree, students will research and learn strategies needed for a successful transition from university into work, graduate studies, or post-university life; or for increasing their career mobility. Students will engage in critical discussions and produce assignments related to professional practices, participation in a learning economy, the future of work, and their exploration of career mobility throughout a lifespan as a way to design their work/life career pathways.                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                  |   |                     |    |                             |  |                                                              |  |                              |    |                      |  |                    |           |                                                                                                                      |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 75 university-level credits including one of PORT 398, ARTS 101, ARTS 299, ARTS 401, ADED 305, or ADED 472. Note: As of January 2021, prerequisites will change to the following: 75 university-level credits including one of PORT 398, ARTS 101, ARTS 299, or ADED 472.                                                                                        |   |                     |    |                             |  |                                                              |  |                              |    |                      |  |                    |           |                                                                                                                      |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                  |   |                     |    |                             |  |                                                              |  |                              |    |                      |  |                    |           |                                                                                                                      |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                  |   |                     |    |                             |  |                                                              |  |                              |    |                      |  |                    |           |                                                                                                                      |
| <b>Antirequisite Courses</b> <i>(Cannot be taken for additional credit.)</i><br>Former course code/number:<br>Cross-listed with:<br>Dual-listed with:<br>Equivalent course(s):<br><i>(If offered in the previous five years, antirequisite course(s) will be included in the calendar description as a note that students with credit for the antirequisite course(s) cannot take this course for further credit.)</i>                                                                                                                                                                                                                                                                                                          | <b>Special Topics</b> <i>(Double-click on boxes to select.)</i><br>This course is offered with different topics:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, topic will be recorded when offered.)</i>                                                                                                                    |   |                     |    |                             |  |                                                              |  |                              |    |                      |  |                    |           |                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Independent Study</b><br>If offered as an Independent Study course, this course may be repeated for further credit: <i>(If yes, topic will be recorded.)</i><br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit                                                                         |   |                     |    |                             |  |                                                              |  |                              |    |                      |  |                    |           |                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Transfer Credit</b><br>Transfer credit already exists: (See <a href="http://bctransferguide.ca">bctransferguide.ca</a> )<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes<br>Submit outline for (re)articulation:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, fill in transfer credit form.)</i> |   |                     |    |                             |  |                                                              |  |                              |    |                      |  |                    |           |                                                                                                                      |
| <b>Typical Structure of Instructional Hours</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr> <td>Lecture/seminar hours</td> <td style="text-align: center;">6</td> </tr> <tr> <td>Tutorials/workshops</td> <td style="text-align: center;">18</td> </tr> <tr> <td>Supervised laboratory hours</td> <td></td> </tr> <tr> <td>Experiential (field experience, practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Supervised online activities</td> <td style="text-align: center;">21</td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td style="text-align: right;"><b>Total hours</b></td> <td style="text-align: center;"><b>45</b></td> </tr> </table> | Lecture/seminar hours                                                                                                                                                                                                                                                                                                                                            | 6 | Tutorials/workshops | 18 | Supervised laboratory hours |  | Experiential (field experience, practicum, internship, etc.) |  | Supervised online activities | 21 | Other contact hours: |  | <b>Total hours</b> | <b>45</b> | <b>Grading System</b><br><input checked="" type="checkbox"/> Letter Grades <input type="checkbox"/> Credit/No Credit |
| Lecture/seminar hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 6                                                                                                                                                                                                                                                                                                                                                                |   |                     |    |                             |  |                                                              |  |                              |    |                      |  |                    |           |                                                                                                                      |
| Tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 18                                                                                                                                                                                                                                                                                                                                                               |   |                     |    |                             |  |                                                              |  |                              |    |                      |  |                    |           |                                                                                                                      |
| Supervised laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                  |   |                     |    |                             |  |                                                              |  |                              |    |                      |  |                    |           |                                                                                                                      |
| Experiential (field experience, practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                  |   |                     |    |                             |  |                                                              |  |                              |    |                      |  |                    |           |                                                                                                                      |
| Supervised online activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 21                                                                                                                                                                                                                                                                                                                                                               |   |                     |    |                             |  |                                                              |  |                              |    |                      |  |                    |           |                                                                                                                      |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                  |   |                     |    |                             |  |                                                              |  |                              |    |                      |  |                    |           |                                                                                                                      |
| <b>Total hours</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>45</b>                                                                                                                                                                                                                                                                                                                                                        |   |                     |    |                             |  |                                                              |  |                              |    |                      |  |                    |           |                                                                                                                      |
| Labs to be scheduled independent of lecture hours: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                  |   |                     |    |                             |  |                                                              |  |                              |    |                      |  |                    |           |                                                                                                                      |
| <b>Maximum enrolment (for information only):</b> 36<br><b>Expected Frequency of Course Offerings:</b><br><i>(Every semester, Fall only, annually, etc.)</i> Annually                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                  |   |                     |    |                             |  |                                                              |  |                              |    |                      |  |                    |           |                                                                                                                      |
| <b>Department / Program Head or Director:</b> Michelle Rhodes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Date approved:</b> December 4, 2019                                                                                                                                                                                                                                                                                                                           |   |                     |    |                             |  |                                                              |  |                              |    |                      |  |                    |           |                                                                                                                      |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Date approved:</b> December 2019                                                                                                                                                                                                                                                                                                                              |   |                     |    |                             |  |                                                              |  |                              |    |                      |  |                    |           |                                                                                                                      |
| <b>Dean/Associate VP:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Date approved:</b> December 2019                                                                                                                                                                                                                                                                                                                              |   |                     |    |                             |  |                                                              |  |                              |    |                      |  |                    |           |                                                                                                                      |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Date of posting:</b> January 24, 2020                                                                                                                                                                                                                                                                                                                         |   |                     |    |                             |  |                                                              |  |                              |    |                      |  |                    |           |                                                                                                                      |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>Date of meeting:</b> January 31, 2020                                                                                                                                                                                                                                                                                                                         |   |                     |    |                             |  |                                                              |  |                              |    |                      |  |                    |           |                                                                                                                      |

**Learning Outcomes:**

Upon successful completion of this course, students will be able to:

1. Demonstrate self-reflective and self-evaluation career development practices.
2. Evaluate labour market research and career development resources to produce a personalized career development resource kit.
3. Articulate strategies, including Indigenous ways of knowing, needed to remain adaptable in changing work environments over the life span.
4. Analyze ethical considerations using a variety of workplace situations taking into account technological changes, equity, diversity, and inclusion.
5. Develop or expand a career mobility support network plan (i.e., professional organizations, LinkedIn, colleagues, career influencers, personal networks).
6. Evaluate through a critical reflective practice personal transferable skills, self-agency and self-leadership in context to work creation.
7. Demonstrate oral, written and interpersonal communication skills used in a professional context.
8. Produce an "outward" facing digital application for sharing career or graduate school applications materials, and/or preparing materials for promotion within professional organizations (i.e., resume, e-portfolio, CV, letters of intent, examples of professional work, skills and talents etc.).
9. Create a personal, professional, and wellness strategic plan for designing and supporting post-university transitions and ongoing career security.

**Prior Learning Assessment and Recognition (PLAR)**

☐ Yes      ☒ No, PLAR cannot be awarded for this course because it requires reflection on past academic performance

**Typical Instructional Methods** (*Guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion.*)

Workshops, seminar discussion, and experiential learning projects.

**NOTE:** The following sections may vary by instructor. Please see course syllabus available from the instructor.

**Typical Text(s) and Resource Materials** (*If more space is required, download Supplemental Texts and Resource Materials form.*)

| Author (surname, initials) | Title (article, book, journal, etc.) | Current ed. | Publisher | Year |
|----------------------------|--------------------------------------|-------------|-----------|------|
| 1.                         |                                      |             |           |      |
| 2.                         |                                      |             |           |      |
| 3.                         |                                      |             |           |      |

**Required Additional Supplies and Materials** (*Software, hardware, tools, specialized clothing, etc.*)

Internet access OER Texts and additional online "free-to-access" materials

**Typical Evaluation Methods and Weighting**

|               |   |              |     |                   |    |            |      |
|---------------|---|--------------|-----|-------------------|----|------------|------|
| Final exam:   | % | Assignments: | 50% | Field experience: | 0% | Portfolio: | 25%  |
| Midterm exam: | % | Project:     | 20% | Professionalism:  | 5% | Total:     | 100% |

**Details (if necessary):**

|                                                                                                         |     |
|---------------------------------------------------------------------------------------------------------|-----|
| Career development research assignment                                                                  | 20% |
| Personalized career resource kit project                                                                | 10% |
| Network and plan project (i.e., professional organization social media or LinkedIn profile)             | 10% |
| Online reading response and learning activities assignments                                             | 20% |
| Draft of professional outward facing digital application assignment                                     | 10% |
| Presentation of oral and text/visual based digital application/e-portfolio and career security strategy | 25% |
| Professionalism                                                                                         | 5%  |

**Typical Course Content and Topics**

**Module 1:** The world of work in the age of disruption. Self-agency, self-leadership in work creation and innovation. Labour market trends, resources available and the critical eye. Exploring the differences between jobs, occupations and careers. Understanding the career development process, as well as talent management.

**Module 2:** Equity, diversity, and inclusion. Contributing to indigenizing the workplace as part of the reconciliation journey. Engagement with the UN's 17 Sustainable Development Goals in context to personal and career interests.

**Module 3:** Career development across the life span. Personal identity and work/life career readiness goal setting. Exploring what being educated means in context to the economy, social change, personal wellness and leadership.

**Module 4:** Professional career practices, preparing job search and/or job promotion documents and practices (i.e., job search resume, CV, e-portfolios, cover letters, introductions, interview skills, pre-and post- job application practices etc.).

**Module 5:** Preparing to present and share individual career security plans and digital applications. Demonstrating confidence to new audiences. Engaging in self and peer feedback loops. Celebrating the professional self.



**Memo for Course Changes**

To: **FSCC, SFC, and UEC**

From: **Ian Affleck, Department Head (Mathematics & Statistics)**

Date: **May 28 2019**

Subject: **Proposal for revision of MATH 444: Metric Spaces**

1. Summary of changes (select all that apply):

- ☒ **Six-year review**
- ☐ Number and/or course code
- ☒ **Credits and/or total hours**
- ☐ Title
- ☒ **Calendar description**
- ☒ **Prerequisites and/or co-requisites**
- ☐ Frequency of course offering
- ☒ **Learning outcomes**
- ☐ Delivery methods and/or texts and resource materials
- ☒ **PLAR options, grading system, and/or evaluation methods**
- ☐ Discontinuation of course
- ☐ Other – Please specify:

2. Rationale for change:

**The calendar description and learning outcomes were amended to conform to current guidelines.**

**The statement of total hours was changed for consistency with our other courses that have an equal number of contact hours. The actual number of contact hours for the course is not changing.**

**Math 320 was removed as a prerequisite option as that course no longer exists, and hasn't been offered in over ten years.**

**Text resources are updated, and evaluation weightings were adjusted to reflect current practice.**

**Typical course content was re-organized for clarity.**

3. If there are substantial changes to the learning outcomes, explain how they align with the learning outcomes of the program(s):

**n/a**

4. Is this course required by any program beyond the discipline? If so, how will this change affect that program or programs?

**No**

5. Which program areas have been consulted about the change(s)?  
**No other program areas have been consulted, as this course is relevant only to Math and Stats programs.**
6. What consideration has been given to indigenizing the curriculum?  
**Changes are not substantial. Indigenization efforts in the department take place primarily at the program and the pedagogy level.**
7. If this course is not eligible for PLAR, explain why:  
**n/a**
8. If any of the following items on the official course outline have changed, explain how the change will affect the budget for your area or any other area:
  - a. Credit value **n/a**
  - b. Class size limit **n/a**
  - c. Frequency of offering **n/a**
  - d. Resources required (labs, equipment) **n/a**
9. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) How are the trips funded?  
**n/a**
10. Estimate of the typical costs for this course, including textbooks and other materials:  
**\$100 for a textbook.**

**CWC comment and response:**

- Expected frequency of offerings is “every third year”. Is it problematic to only offer this course once in three years?

*Offering it every third year is about the best that we can promise. Every fourth year might be more accurate. We simply have too many upper-level courses for our upper-level student population to be given each one every two years. It's just a reality that some students completing a Math major or minor in a 4-year period will not have access to everything we offer.*



**ORIGINAL COURSE IMPLEMENTATION DATE:** January 2006  
**REVISED COURSE IMPLEMENTATION DATE:** September 2020  
**COURSE TO BE REVIEWED** (six years after UEC approval): January 2026  
**Course outline form version:** 05/18/2018

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

Note: The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                           |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|---------------------|--|-----------------------------|--|--------------------------------------------------------------|--|------------------------------|--|----------------------|--|--------------------|-----------|----------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> MATH 444                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                    |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Course Full Title:</b> Metric Spaces<br><b>Course Short Title:</b><br><i>(Transcripts only display 30 characters. Departments may recommend a short title if one is needed. If left blank, one will be assigned.)</i>                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                                                                                                                                                                                                                                                                                                                                           |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Faculty:</b> Faculty of Science                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | <b>Department (or program if no department):</b> Mathematics & Statistics                                                                                                                                                                                                                                                                 |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Calendar Description:</b><br>Metrics are generalized notions of distance, allowing concepts such as continuity and convergence to be studied in more general settings than Euclidean space. Topics include topological concepts such as open and closed sets, convergence, completeness, continuity, connectedness and compactness.                                                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                                                                                                                                           |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | MATH 221 and one of MATH 320 or MATH 340. Note: As of January 2021, prerequisites will change to the following: MATH 221 and MATH 340.                                                                                                                                                                                                    |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                           |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                           |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Antirequisite Courses</b> <i>(Cannot be taken for additional credit.)</i><br>Former course code/number:<br>Cross-listed with:<br>Dual-listed with:<br>Equivalent course(s):<br><i>(If offered in the previous five years, antirequisite course(s) will be included in the calendar description as a note that students with credit for the antirequisite course(s) cannot take this course for further credit.)</i>                                                                                                                                                                                                                              |           | <b>Special Topics</b> <i>(Double-click on boxes to select.)</i><br>This course is offered with different topics:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, topic will be recorded when offered.)</i>                                                                                             |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Independent Study</b><br>If offered as an Independent Study course, this course may be repeated for further credit: <i>(If yes, topic will be recorded.)</i><br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit                                                  |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Transfer Credit</b><br>Transfer credit already exists: (See <a href="#">bctransferguide.ca</a> .)<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes<br>Submit outline for (re)articulation:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, fill in transfer credit form.)</i> |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Typical Structure of Instructional Hours</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Lecture/seminar hours</td> <td style="text-align: center;">50</td> </tr> <tr> <td>Tutorials/workshops</td> <td></td> </tr> <tr> <td>Supervised laboratory hours</td> <td></td> </tr> <tr> <td>Experiential (field experience, practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Supervised online activities</td> <td></td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td style="text-align: right;"><b>Total hours</b></td> <td style="text-align: center;"><b>50</b></td> </tr> </table> |           | Lecture/seminar hours                                                                                                                                                                                                                                                                                                                     | 50 | Tutorials/workshops |  | Supervised laboratory hours |  | Experiential (field experience, practicum, internship, etc.) |  | Supervised online activities |  | Other contact hours: |  | <b>Total hours</b> | <b>50</b> | <b>Grading System</b><br><input checked="" type="checkbox"/> Letter Grades <input type="checkbox"/> Credit/No Credit |  |
| Lecture/seminar hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 50        |                                                                                                                                                                                                                                                                                                                                           |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| Tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                           |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| Supervised laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                           |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| Experiential (field experience, practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |                                                                                                                                                                                                                                                                                                                                           |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| Supervised online activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |                                                                                                                                                                                                                                                                                                                                           |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                           |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Total hours</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>50</b> |                                                                                                                                                                                                                                                                                                                                           |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| Labs to be scheduled independent of lecture hours: <input type="checkbox"/> No <input type="checkbox"/> Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           | <b>Maximum enrolment (for information only):</b> 36<br><b>Expected Frequency of Course Offerings:</b><br>Every third year <i>(Every semester, Fall only, annually, etc.)</i>                                                                                                                                                              |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Department / Program Head or Director:</b> Ian Affleck                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           | <b>Date approved:</b> June 2019                                                                                                                                                                                                                                                                                                           |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Date approved:</b> October 4, 2019                                                                                                                                                                                                                                                                                                     |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Dean/Associate VP:</b> Lucy Lee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | <b>Date approved:</b> October 4, 2019                                                                                                                                                                                                                                                                                                     |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | <b>Date of posting:</b> January 10, 2020                                                                                                                                                                                                                                                                                                  |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Date of meeting:</b> January 31, 2020                                                                                                                                                                                                                                                                                                  |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                      |  |

**Learning Outcomes:**

Upon successful completion of this course, students will be able to:

1. State the definition of metric space and demonstrate whether or not a given space is a metric space.
2. Define the appropriate topological concepts such as connectedness, compactness, completeness, boundary, limit point. Formulate proofs to establish elementary results and the truth or falsity of elementary statements regarding these basic concepts.
3. Discuss convergence in terms of Cauchy sequences, construct the completion of a metric space, state and use the theorems regarding completeness and compactness.
4. State equivalent versions of the definition of continuity, and use them to establish the continuity or discontinuity of given functions. Show via elementary formal arguments the role continuity plays in the various results (e.g. preservation of compactness under continuous functions, fixed point theorems).

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes      ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods** (*Guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion.*)

This course will be primarily lecture-based.

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials** (*If more space is required, download Supplemental Texts and Resource Materials form.*)

| Author (surname, initials)        | Title (article, book, journal, etc.)          | Current ed.              | Publisher                  | Year |
|-----------------------------------|-----------------------------------------------|--------------------------|----------------------------|------|
| 1. V. Bryant                      | Metric Spaces                                 | <input type="checkbox"/> | Cambridge University Press | 1985 |
| 2. T. W. Gamelin and R. E. Greene | Introduction to Topology                      | <input type="checkbox"/> | Dover                      | 1999 |
| 3. R. B. Reisel                   | Elementary Theory of Metric Spaces            | <input type="checkbox"/> | Springer-Verlag            | 1983 |
| 4. W. A. Sutherland               | Introduction to Metric and Topological Spaces | <input type="checkbox"/> | Oxford University Press    | 2010 |
| 5.                                |                                               |                          |                            |      |

**Required Additional Supplies and Materials** (*Software, hardware, tools, specialized clothing, etc.*)

**Typical Evaluation Methods and Weighting**

|                |     |              |     |                   |   |            |      |
|----------------|-----|--------------|-----|-------------------|---|------------|------|
| Final exam:    | 40% | Assignments: | 15% | Field experience: | % | Portfolio: | %    |
| Midterm exam:  | 30% | Project:     | %   | Practicum:        | % | Other:     | %    |
| Quizzes/tests: | 15% | Lab work:    | %   | Shop work:        | % | Total:     | 100% |

**Details (if necessary):** In addition, students must score at least 40% on the final exam in order to pass the course.

**Typical Course Content and Topics**

1. Definition of metric spaces, examples.
2. Subspaces, product spaces.
3. Topological concepts – open and closed sets, bounded sets.
4. Limit points, interior and boundary points.
5. Equivalent metrics, isometries.
6. Sequences – convergence, Cauchy sequences.
7. Complete spaces, completions.
8. Continuous functions – neighbourhoods, bases, mapping properties of functions and inverses, homeomorphisms, extreme value theorem.
9. More topological concepts: connectedness, compactness.
10. As time permits, contraction mapping theorem--proof, applications to algebraic, differential or integral equations.

**Memo for Course Changes**

To: Dr. Eric Spalding, Chair, Undergraduate Education Committee

From: Stasha Huntingford, Chair BSW Committee

Date: June 25, 2019

**Subject: SOWK 431 MSW Foundational Year Practicum**

1. Summary of changes (select all that apply):

- ☐ Six-year review
- ☐ Number and/or course code
- ☐ Credits and/or total hours
- ☒ Title
- ☐ Calendar description
- ☒ Prerequisites and/or co-requisites
- ☒ Frequency of course offering
- ☐ Learning outcomes
- ☐ Delivery methods and/or texts and resource materials
- ☐ PLAR options, grading system, and/or evaluation methods
- ☐ Discontinuation of course
- ☐ Other – Please specify:

2. Rationale for change:

*Name was updated to reflect the academic calendar changes.*

*Course frequency updated to reflect the one-year foundational program.*

*SOWK 302 was added as a pre/corequisite option as it was a new course added to the BSW program*

3. If there are substantial changes to the learning outcomes, explain how they align with the learning outcomes of the program(s):

*None.*

4. Is this course required by any program beyond the discipline? If so, how will this change affect that program or programs?

*This change should not impact other programs.*

5. Which program areas have been consulted about the change(s)?

*These changes were approved by the BSW committee (June 2019) and by the School of Social Work and Human Services including the Director of the School (June 2019).*

6. What consideration has been given to indigenizing the curriculum?

*N/A*

7. If this course is not eligible for PLAR, explain why: *Not eligible as per academic calendar*

8. If any of the following items on the official course outline have changed, explain how the change will affect the budget for your area or any other area: *NA*

- a. Credit value
  - b. Class size limit
  - c. Frequency of offering: *increasing offer to annually reflects current program delivery.*
  - d. Resources required (labs, equipment)
9. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) How are the trips funded? *N/A*
10. Estimate of the typical costs for this course, including textbooks and other materials: *N/A*



**ORIGINAL COURSE IMPLEMENTATION DATE:** September 2018  
**REVISED COURSE IMPLEMENTATION DATE:** September 2020  
**COURSE TO BE REVIEWED** (six years after UEC approval): October 2023  
**Course outline form version:** 05/18/2018

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note: The University reserves the right to amend course outlines as needed without notice.**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                               |                     |                                                                                                                                                                                                                                                                                          |                             |                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                                                                                                                      |                                                                                                                                                                      |  |                                             |    |                    |            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------|----|--------------------|------------|
| <b>Course Code and Number:</b> SOWK 431 (may be offered as SOWK 431A/SOWK 431B)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Number of Credits:</b> 9 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                               |                     |                                                                                                                                                                                                                                                                                          |                             |                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                                                                                                                      |                                                                                                                                                                      |  |                                             |    |                    |            |
| <b>Course Full Title:</b> MSW Foundational Year Practicum<br><b>Course Short Title:</b><br><i>(Transcripts only display 30 characters. Departments may recommend a short title if one is needed. If left blank, one will be assigned.)</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                               |                     |                                                                                                                                                                                                                                                                                          |                             |                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                                                                                                                      |                                                                                                                                                                      |  |                                             |    |                    |            |
| <b>Faculty:</b> Faculty of Professional Studies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Department (or program if no department):</b> School of Social Work and Human Services                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                               |                     |                                                                                                                                                                                                                                                                                          |                             |                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                                                                                                                      |                                                                                                                                                                      |  |                                             |    |                    |            |
| <b>Calendar Description:</b><br>Supervised field placement in an approved setting to develop a foundation for professional social work practice. Critical reflection and integration of the knowledge, skills, and theory learned in social work curriculum is required.<br><br>Note: Attendance in pre-placement and integrative seminars is required.<br>Note: This course is offered either as SOWK 431 or (SOWK 431A and SOWK 431B). When run as a full year course, SOWK 431A and SOWK 431B are offered over two terms in the same academic year. Students must take both SOWK 431A and SOWK 431B to receive credit.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                               |                     |                                                                                                                                                                                                                                                                                          |                             |                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                                                                                                                      |                                                                                                                                                                      |  |                                             |    |                    |            |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Admission to the Master of Social Work Foundational stream.                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                               |                     |                                                                                                                                                                                                                                                                                          |                             |                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                                                                                                                      |                                                                                                                                                                      |  |                                             |    |                    |            |
| <b>Corequisites (if applicable):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                               |                     |                                                                                                                                                                                                                                                                                          |                             |                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                                                                                                                      |                                                                                                                                                                      |  |                                             |    |                    |            |
| <b>Pre/corequisites (if applicable):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | SOWK 300, SOWK 311, SOWK 312, SOWK 320, SOWK 392, SOWK 404, SOWK 410, and two of the following: (SOWK 301, SOWK 302, SOWK 380, SOWK 394, SOWK 412, SOWK 450, SOWK 483, SOWK 490. SOWK 491, SOWK 493, SOWK 496, or SOWK 497).                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                               |                     |                                                                                                                                                                                                                                                                                          |                             |                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                                                                                                                      |                                                                                                                                                                      |  |                                             |    |                    |            |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; vertical-align: top;"> <b>Antirequisite Courses</b> <i>(Cannot be taken for additional credit.)</i><br/>                     Former course code/number:<br/>                     Cross-listed with:<br/>                     Dual-listed with:<br/>                     Equivalent course(s):<br/> <i>(If offered in the previous five years, antirequisite course(s) will be included in the calendar description as a note that students with credit for the antirequisite course(s) cannot take this course for further credit.)</i> </td> <td style="width: 50%; vertical-align: top;"> <b>Special Topics</b> <i>(Double-click on boxes to select.)</i><br/>                     This course is offered with different topics:<br/> <input checked="" type="checkbox"/> No   <input type="checkbox"/> Yes <i>(If yes, topic will be recorded when offered.)</i> </td> </tr> <tr> <td></td> <td style="vertical-align: top;"> <b>Independent Study</b><br/>                     If offered as an Independent Study course, this course may be repeated for further credit: <i>(If yes, topic will be recorded.)</i><br/> <input checked="" type="checkbox"/> No   <input type="checkbox"/> Yes, repeat(s)   <input type="checkbox"/> Yes, no limit                 </td> </tr> <tr> <td></td> <td style="vertical-align: top;"> <b>Transfer Credit</b><br/>                     Transfer credit already exists: <i>(See <a href="http://bctransferguide.ca">bctransferguide.ca</a>.)</i><br/> <input checked="" type="checkbox"/> No   <input type="checkbox"/> Yes<br/>                     Submit outline for (re)articulation:<br/> <input checked="" type="checkbox"/> No   <input type="checkbox"/> Yes <i>(If yes, fill in transfer credit form.)</i> </td> </tr> <tr> <td></td> <td style="vertical-align: top;"> <b>Grading System</b><br/> <input type="checkbox"/> Letter Grades   <input checked="" type="checkbox"/> Credit/No Credit                 </td> </tr> <tr> <td colspan="2" style="vertical-align: top;"> <b>Maximum enrolment (for information only):</b> 16<br/> <b>Expected Frequency of Course Offerings:</b><br/>                     Annually <i>(Every semester, Fall only, annually, etc.)</i> </td> </tr> </table> |                                                                                                                                                                                                                                                                                                                                                                         | <b>Antirequisite Courses</b> <i>(Cannot be taken for additional credit.)</i><br>Former course code/number:<br>Cross-listed with:<br>Dual-listed with:<br>Equivalent course(s):<br><i>(If offered in the previous five years, antirequisite course(s) will be included in the calendar description as a note that students with credit for the antirequisite course(s) cannot take this course for further credit.)</i> | <b>Special Topics</b> <i>(Double-click on boxes to select.)</i><br>This course is offered with different topics:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, topic will be recorded when offered.)</i> |                     | <b>Independent Study</b><br>If offered as an Independent Study course, this course may be repeated for further credit: <i>(If yes, topic will be recorded.)</i><br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit |                             | <b>Transfer Credit</b><br>Transfer credit already exists: <i>(See <a href="http://bctransferguide.ca">bctransferguide.ca</a>.)</i><br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes<br>Submit outline for (re)articulation:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, fill in transfer credit form.)</i> |                                                              | <b>Grading System</b><br><input type="checkbox"/> Letter Grades <input checked="" type="checkbox"/> Credit/No Credit | <b>Maximum enrolment (for information only):</b> 16<br><b>Expected Frequency of Course Offerings:</b><br>Annually <i>(Every semester, Fall only, annually, etc.)</i> |  |                                             |    |                    |            |
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| <b>Typical Structure of Instructional Hours</b> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td>Lecture/seminar hours</td> <td></td> </tr> <tr> <td>Tutorials/workshops</td> <td>20</td> </tr> <tr> <td>Supervised laboratory hours</td> <td></td> </tr> <tr> <td>Experiential (field experience, practicum, internship, etc.)</td> <td>450</td> </tr> <tr> <td>Supervised online activities</td> <td></td> </tr> <tr> <td>Other contact hours: Pre-placement seminars</td> <td>10</td> </tr> <tr> <td><b>Total hours</b></td> <td><b>480</b></td> </tr> </table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                         | Lecture/seminar hours                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                               | Tutorials/workshops | 20                                                                                                                                                                                                                                                                                       | Supervised laboratory hours |                                                                                                                                                                                                                                                                                                                                                                         | Experiential (field experience, practicum, internship, etc.) | 450                                                                                                                  | Supervised online activities                                                                                                                                         |  | Other contact hours: Pre-placement seminars | 10 | <b>Total hours</b> | <b>480</b> |
| Lecture/seminar hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                               |                     |                                                                                                                                                                                                                                                                                          |                             |                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                                                                                                                      |                                                                                                                                                                      |  |                                             |    |                    |            |
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| Labs to be scheduled independent of lecture hours: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                               |                     |                                                                                                                                                                                                                                                                                          |                             |                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                                                                                                                      |                                                                                                                                                                      |  |                                             |    |                    |            |
| <b>Department / Program Head or Director:</b> Margaret Coombes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Date approved:</b> June 14, 2019                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                               |                     |                                                                                                                                                                                                                                                                                          |                             |                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                                                                                                                      |                                                                                                                                                                      |  |                                             |    |                    |            |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Date approved:</b> October 11, 2019                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                               |                     |                                                                                                                                                                                                                                                                                          |                             |                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                                                                                                                      |                                                                                                                                                                      |  |                                             |    |                    |            |
| <b>Dean/Associate VP:</b> Tracy Ryder-Glass                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Date approved:</b> October 11, 2019                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                               |                     |                                                                                                                                                                                                                                                                                          |                             |                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                                                                                                                      |                                                                                                                                                                      |  |                                             |    |                    |            |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Date of posting:</b> January 17, 2020                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                               |                     |                                                                                                                                                                                                                                                                                          |                             |                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                                                                                                                      |                                                                                                                                                                      |  |                                             |    |                    |            |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Date of meeting:</b> January 31, 2010                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                               |                     |                                                                                                                                                                                                                                                                                          |                             |                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                                                                                                                      |                                                                                                                                                                      |  |                                             |    |                    |            |

**Learning Outcomes:**

Upon successful completion of this course, students will be able to:

- Engage in and critically reflect on multilevel social work practice
- Define professional social work and name transferable social work skills
- Demonstrate a social justice foundation in social work practice
- Engage in assessment and relationship-building skills with individuals, groups, and communities
- Apply and reflect on professional boundaries, ethical practice issues, integration of social work theory, knowledge, skills, and professional social work standards of practice
- Critically reflect on the application of social policy as it affects social work practice
- Identify and critically reflect on social work leadership and collaborative practice within interdisciplinary teams
- Critically reflect on communication skills (verbal, non-verbal, written)
- Demonstrate cultural humility through a respect for human diversity in all its forms and areas of practice
- Apply knowledge of international worldviews to develop one's professional philosophy and social work practice coming from a place of curiosity
- Apply knowledge of and respect diverse Indigenous worldviews to develop one's professional philosophy and social work practice coming from a place of curiosity
- Demonstrate self-awareness and self-care through a knowledge and use of self
- Critically reflect on student role and actively engage in supervision
- Demonstrate critically reflective writing skills

**Prior Learning Assessment and Recognition (PLAR)**

☐ Yes      ☒ No, PLAR cannot be awarded for this course because of CASWE accreditation standards

**Typical Instructional Methods** (*Guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion.*)

The primary emphasis in this integrative seminar will be for students to examine practice experiences through online class discussion, critical reflection, and collaborative learning regarding professional issues, practice situations, and ethical dilemmas. While in their field placement setting, students will be expected to demonstrate competence in their ability to identify, apply, critique and evaluate theories and conceptual frameworks. Selected topics will be covered based on student-identified learning needs and interests. Students will be expected to attend at least two face to face seminars in the term.

Group and class discussion, presentations, critical reflection (verbal and written), collaborative learning, guest lecturers, field trips

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials** (*If more space is required, download Supplemental Texts and Resource Materials form.*)

|    | <b>Author (surname, initials)</b> | <b>Title (article, book, journal, etc.)</b>          | <b>Current ed.</b>                  | <b>Publisher</b> | <b>Year</b> |
|----|-----------------------------------|------------------------------------------------------|-------------------------------------|------------------|-------------|
| 1. | BC College of Social Workers      | Social Work Code of Ethics and Standards of Practice | <input checked="" type="checkbox"/> |                  | Current     |
| 2. |                                   |                                                      | <input type="checkbox"/>            |                  |             |
| 3. |                                   |                                                      | <input type="checkbox"/>            |                  |             |
| 4. |                                   |                                                      | <input type="checkbox"/>            |                  |             |
| 5. |                                   |                                                      | <input type="checkbox"/>            |                  |             |

**Required Additional Supplies and Materials** (*Software, hardware, tools, specialized clothing, etc.*)

UFV Master of Social Work Field Education Manual and School of Social Work & Human Services Field Practice Guidelines.

**Typical Evaluation Methods and Weighting**

|                |   |              |   |                   |      |            |      |
|----------------|---|--------------|---|-------------------|------|------------|------|
| Final exam:    | % | Assignments: | % | Field experience: | %    | Portfolio: | %    |
| Midterm exam:  | % | Project:     | % | Practicum:        | 100% | Other:     | %    |
| Quizzes/tests: | % | Lab work:    | % | Shop work:        | %    | Total:     | 100% |

**Details (if necessary):**

Successful completion of this course involves:

- Mandatory attendance in all pre-placement activities
- Attendance and engagement in field placement measured through seminar participation and feedback from the field instructor
- Mandatory attendance in concurrent seminars
- Completion of reflective Process Recordings/Journals
- Adding field-based learning to the E-Portfolio
- Completion of all IPT documentation including mid-term and final evaluations
- Completion of field placement evaluation

**Typical Course Content and Topics**

1. Expectations and processes involved in field placement, including review of field practice guidelines
2. BCCSW Code of Ethics and Standards of Practice and Professionalism
3. Use of self in supervision
4. Reflexivity in social work practice
5. Topics identified by students in practicum

**Potential Topics**

- What does social justice look like in practicum?
- What does human diversity look like in practicum?
- Practicing from an anti-oppressive lens in an environment that might be oppressive
- What does social work Leadership look like on the interdisciplinary team?
- Navigating systems in practice
- Interconnectedness of multi-levels of social work practice
- Use of technology and social media in social work practice
- Trauma-informed practice
- Grief and loss
- Confidentiality
- Documentation
- Building connections between theory and practice
- Impact of international issues on social work practice with local populations
- Exploring the diversity in indigenous worldviews

**Memo for Course Changes**

To: Dr. Eric Spalding, Chair, Undergraduate Education Committee

From: Stasha Huntingford, Chair BSW Committee

Date: June 19, 2019

**Subject: SOWK 483 Family Centred Social Work**

1. Summary of changes (select all that apply):

- ☒ Six-year review
- ☐ Number and/or course code
- ☐ Credits and/or total hours
- ☒ Title
- ☒ Calendar description
- ☒ Prerequisites and/or co-requisites
- ☒ Frequency of course offering
- ☒ Learning outcomes
- ☐ Delivery methods and/or texts and resource materials
- ☐ PLAR options, grading system, and/or evaluation methods
- ☐ Discontinuation of course
- ☐ Other – Please specify:

2. Rationale for change:

*This course is overdue for review. Proposed program changes (March 2019) to the BSW program have resulted in 483 moving from an elective to a required course, maintaining 283 as a pre-requisite for 483 would represent a barrier for students, and is not necessary due to the changes in learning outcomes.*

3. If there are substantial changes to the learning outcomes, explain how they align with the learning outcomes of the program(s):

*These revised learning outcomes are more in line with our accreditation standards (including nine core learning objectives), with the mission statement and principles of our program, as well as the current context of social work research.*

4. Is this course required by any program beyond the discipline? If so, how will this change affect that program or programs?

*This change should not impact other programs.*

5. Which program areas have been consulted about the change(s)?

*We have aligned the learning outcomes with the requirements for our professional accreditation exam, and our educational standards for accreditation of our program. These changes were approved by the BSW committee (March 1st 2019) and the Director of the School.*

6. What consideration has been given to indigenizing the curriculum?

*Included impact of residential schools as distinct topic. Learning outcomes specific reference to the influence of colonization.*

7. If this course is not eligible for PLAR, explain why: *NA*
8. If any of the following items on the official course outline have changed, explain how the change will affect the budget for your area or any other area: *NA*
  - a. Credit value
  - b. Class size limit
  - c. Frequency of offering
  - d. Resources required (labs, equipment)
9. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) How are the trips funded? *NA*
10. Estimate of the typical costs for this course, including textbooks and other materials:  
*Working with Families, ~ \$100*  
*Family Assessment Handbook, ~ \$80*

**CWC comment and response:**

- Banner cannot currently support prerequisites that include a course or admission to a program. The School may wish to discuss options with the Office of the Registrar.

*We are aware of the issue with Banner but would like the program restriction to remain.*



**ORIGINAL COURSE IMPLEMENTATION DATE:** September 2004  
**REVISED COURSE IMPLEMENTATION DATE:** September 2020  
**COURSE TO BE REVIEWED** (six years after UEC approval): January 2026  
**Course outline form version:** 05/18/2018

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----|---------------------|--|-----------------------------|--|--------------------------------------------------------------|--|------------------------------|--|----------------------|--|--------------------|-----------|
| <b>Course Code and Number:</b> SOWK 483                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Course Full Title:</b> Social Work Practice with Families<br><b>Course Short Title:</b><br><i>(Transcripts only display 30 characters. Departments may recommend a short title if one is needed. If left blank, one will be assigned.)</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Faculty:</b> Faculty of Professional Studies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Department (or program if no department):</b> School of Social Work and Human Services                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                       |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Calendar Description:</b><br>Introduction of core concepts and skills necessary for social work practice with families, including critically reflecting on how past family experiences influence their work. Students will apply skills of engagement, assessment, and evaluation within a range of diverse family systems.                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | SOWK 300 or admission to the Master of Social Work.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                       |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Antirequisite Courses</b> <i>(Cannot be taken for additional credit.)</i><br>Former course code/number: <b>SSSW 483</b><br>Cross-listed with:<br>Dual-listed with:<br>Equivalent course(s):<br><i>(If offered in the previous five years, antirequisite course(s) will be included in the calendar description as a note that students with credit for the antirequisite course(s) cannot take this course for further credit.)</i>                                                                                                                                                                                                                                                                                                                                     | <b>Special Topics</b> <i>(Double-click on boxes to select.)</i><br>This course is offered with different topics:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, topic will be recorded when offered.)</i><br><b>Independent Study</b><br>If offered as an Independent Study course, this course may be repeated for further credit: <i>(If yes, topic will be recorded.)</i><br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><b>Transfer Credit</b><br>Transfer credit already exists: <i>(See <a href="http://bctransferguide.ca">bctransferguide.ca</a>.)</i><br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes<br>Submit outline for (re)articulation:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, fill in transfer credit form.)</i><br><b>Grading System</b><br><input checked="" type="checkbox"/> Letter Grades <input type="checkbox"/> Credit/No Credit<br><b>Maximum enrolment (for information only):</b> 24<br><b>Expected Frequency of Course Offerings:</b><br><i>Annually (Every semester, Fall only, annually, etc.)</i> |                       |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Typical Structure of Instructional Hours</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Lecture/seminar hours</td> <td style="text-align: center;">45</td> </tr> <tr> <td>Tutorials/workshops</td> <td></td> </tr> <tr> <td>Supervised laboratory hours</td> <td></td> </tr> <tr> <td>Experiential (field experience, practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Supervised online activities</td> <td></td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td style="text-align: right;"><b>Total hours</b></td> <td style="text-align: center;"><b>45</b></td> </tr> </table> Labs to be scheduled independent of lecture hours: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Lecture/seminar hours | 45 | Tutorials/workshops |  | Supervised laboratory hours |  | Experiential (field experience, practicum, internship, etc.) |  | Supervised online activities |  | Other contact hours: |  | <b>Total hours</b> | <b>45</b> |
| Lecture/seminar hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 45                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| Tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| Supervised laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| Experiential (field experience, practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| Supervised online activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Total hours</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>45</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                       |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Department / Program Head or Director:</b> Margaret Coombes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Date approved:</b> June 14, 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                       |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Date approved:</b> October 11, 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Dean/Associate VP:</b> Tracy Ryder Glass                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Date approved:</b> October 11, 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Date of posting:</b> January 17, 2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                       |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Date of meeting:</b> January 31, 2010                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                       |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |

**SOWK 483**
**University of the Fraser Valley Official Undergraduate Course Outline**
**Page 2 of 2**
**Learning Outcomes:**

Upon successful completion of this course, students will be able to:

- Compare and contrast the relationship between current and historical underpinnings of family practice in social work
- Conceptualize and apply professional practice modalities in a range of settings (for example, child welfare)
- Critically analyze the connections between the student's value systems and values underlying different practice modalities
- Apply a range of practice approaches in working with diverse family systems (for example, the influence of colonization, residential schools, Francophone realities and so forth)
- Critique different theoretical approaches and identify one's own developing model for family practice, including engagement, assessment, intervention, mediation, advocacy, and evaluation
- Demonstrate the importance of collaborative practice with other professionals
- Critically analyze ethical issues within the context of family practice
- Explain the role of family as it influences identity formation
- Demonstrate the foundational skills specific to social work with families

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes      ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods** (*Guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion.*)

Lectures, large and small group discussions, experiential exercises, video clips, guest speakers, student presentations.

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials** (*If more space is required, download Supplemental Texts and Resource Materials form.*)

|    | Author (surname, initials)                  | Title (article, book, journal, etc.)                                                     | Current ed.                         | Publisher                       | Year |
|----|---------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------|---------------------------------|------|
| 1. | Kilpatrick, Allie, C. & Holland, Thomas, P. | Working with Families: An Integrated Model by Level of Need, 5th ed.                     | <input checked="" type="checkbox"/> | Toronto: Allyn & Bacon.         |      |
| 2. | Thomlinson, Barbara.                        | Family Assessment Handbook: An Introductory Practice Guide to Family Assessment . 3rd ed | <input checked="" type="checkbox"/> | Pacific Grove, CA.: Brooks/Cole |      |
| 3. |                                             |                                                                                          | <input type="checkbox"/>            |                                 |      |
| 4. |                                             |                                                                                          | <input type="checkbox"/>            |                                 |      |
| 5. |                                             |                                                                                          | <input type="checkbox"/>            |                                 |      |

**Required Additional Supplies and Materials** (*Software, hardware, tools, specialized clothing, etc.*)

n/a

**Typical Evaluation Methods and Weighting**

|                |   |              |      |                   |   |            |      |
|----------------|---|--------------|------|-------------------|---|------------|------|
| Final exam:    | % | Assignments: | 100% | Field experience: | % | Portfolio: | %    |
| Midterm exam:  | % | Project:     | %    | Practicum:        | % | Other:     | %    |
| Quizzes/tests: | % | Lab work:    | %    | Shop work:        | % | Total:     | 100% |

**Details (if necessary):**
**Typical Course Content and Topics**

Working with families: personal and historical overview  
 Collaborative family practice  
 Levels of need/ecological systems  
 Family Systems – major concepts and critiques  
 Models and basic concepts, theory in family-practice  
 Facilitating a Genogram and other clinical methods,  
 Family relationships – bonding and attachment  
 Trauma and families  
 Family structure grief, loss, and resilience in families  
 Family attachment and relationships  
 Impact of Residential schools  
 Families in the context of child welfare

**Memo for New Course (HIST 369)**

To: Amanda Grimson, UEC Committees Assistant; Jacqueline Nolte, Dean of Arts; Keri Van Eyck, Committees Assistant (Arts)

From: Adrianna Bakos, History Department Head

Date: October 29, 2019

**Subject: Proposal for new course - HIST 369 U.S. Civil War and Reconstruction**

**1. Rationale for new course:**

This course on the Civil War and Reconstruction eras fills a gap in U.S. history course offerings at UFV. It is a focused course on an important period of modern American history that featured a war over African slavery with hemispheric consequences for how North American societies developed. The U.S. history surveys at the 2<sup>nd</sup> year level (History 241 and History 242) only deal tangentially with the Civil War and Reconstruction eras at the respective ending and beginning of those courses. A more focused third year course on these topics will allow students to study this important period and series of events more closely. It will also enable focused student research opportunities on this important period of modern North American history.

**2. How this new course fits into program(s):**

*Note: Adding this course to a program will usually require a program change request.*

This course is an excellent complementary source to existing course offerings with the UFV History Department, especially History 358 (African Slavery in the Americas) and History 370 (The American Civil Rights Movement). It will be a helpful addition to the History Department program at the third year level. The outlined assessments will emphasize student research with digital primary sources especially, which helps fulfill some of the recommendations from the History Department external report about encouraging digital literacies among our program students.

**3. Explain how the course learning outcomes align with the learning outcomes of the program(s):**

The course works to identify major events and participants from a specific period and theme in history as required by the History Department third year courses. It will also work to encourage students to consider major developments and trends in historians' approaches to the study of this topic. It will encourage extensive written research and reflective assessment about specific aspects of history and historiography related to the subject. It will also encourage students to study a variety of historical sources both textual and digital with an emphasis on primary documents especially. It will focus on the important skill development of academic writing as well as presentation and discussion communication skills. Finally, it will work towards one of our key program areas related to institutional learning outcomes which encourage students to engage interculturally with the world around them and to think through issues of diversity in the past and present.

**4. Will this course be required by any program beyond the discipline? If so, how will this course affect that program or programs?**

N/A

**5. Which program areas have been consulted about the course?**

The UFV Arts program.

**6. If a new discipline designation is required, explain why:**

N/A

**7. What consideration has been given to indigenizing the curriculum?**

Course content will consider the role of Native Americans in the Civil War and especially in relation to western movement and settlement of slavery, which was one of the main causes of the conflict. Indeed, as African slavery spread across the southwestern territories of the U.S. through the mid-19<sup>th</sup> Century, native Americans were being forcibly removed, relocated and attacked throughout these regions of the West. Their stories are very much a part of the histories that will be discussed in this course.

**8. If this course is not eligible for PLAR, explain why:**

N/A

**9. Explain how each of the following will affect the budget for your area or any other area:**

- a. Credit value: 4
- b. Class size limit: 30
- c. Frequency of offering: Once every 2 years.
- d. Resources required (labs, equipment): No lab required. Classroom with computer and projector.

**10. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) How are the trips funded?**

No field trips required.

**11. Estimate of the typical costs for this course, including textbooks and other materials:**

\$50 in textbooks.



ORIGINAL COURSE IMPLEMENTATION DATE: September 2020  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED (six years after UEC approval): January 2026  
 Course outline form version: 05/18/2018

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

Note: The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                   |    |                     |  |                             |  |                                                              |  |                              |   |                      |  |                    |           |                                                                                                                      |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|---------------------|--|-----------------------------|--|--------------------------------------------------------------|--|------------------------------|---|----------------------|--|--------------------|-----------|----------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> HIST 369                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           | <b>Number of Credits:</b> 4 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                            |    |                     |  |                             |  |                                                              |  |                              |   |                      |  |                    |           |                                                                                                                      |  |
| <b>Course Full Title:</b> History of the United States Civil War and Reconstruction Eras, 1840-1877                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                   |    |                     |  |                             |  |                                                              |  |                              |   |                      |  |                    |           |                                                                                                                      |  |
| <b>Course Short Title:</b> US Civil War & Reconstruction<br>(Transcripts only display 30 characters. Departments may recommend a short title if one is needed. If left blank, one will be assigned.)                                                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                                                                                                                                   |    |                     |  |                             |  |                                                              |  |                              |   |                      |  |                    |           |                                                                                                                      |  |
| <b>Faculty:</b> Faculty of Humanities                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Department (or program if no department):</b> History                                                                                                                                                                                                                                                                          |    |                     |  |                             |  |                                                              |  |                              |   |                      |  |                    |           |                                                                                                                      |  |
| <b>Calendar Description:</b><br>Examines the causes, events, and consequences of the American Civil War and the period of national reconstruction that followed it. Major themes covered include sectionalism, slavery, race, and emancipation; the social experiences of war for individuals and society; the political and social challenges of Reconstruction; myth and memory in US history.                                                                                                                  |           |                                                                                                                                                                                                                                                                                                                                   |    |                     |  |                             |  |                                                              |  |                              |   |                      |  |                    |           |                                                                                                                      |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | 9 credits of lower-level history or 45 university-level credits.                                                                                                                                                                                                                                                                  |    |                     |  |                             |  |                                                              |  |                              |   |                      |  |                    |           |                                                                                                                      |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                   |    |                     |  |                             |  |                                                              |  |                              |   |                      |  |                    |           |                                                                                                                      |  |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                   |    |                     |  |                             |  |                                                              |  |                              |   |                      |  |                    |           |                                                                                                                      |  |
| <b>Antirequisite Courses</b> (Cannot be taken for additional credit.)<br>Former course code/number:<br>Cross-listed with:<br>Dual-listed with:<br>Equivalent course(s):<br>(If offered in the previous five years, antirequisite course(s) will be included in the calendar description as a note that students with credit for the antirequisite course(s) cannot take this course for further credit.)                                                                                                          |           | <b>Special Topics</b> (Double-click on boxes to select.)<br>This course is offered with different topics:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (If yes, topic will be recorded when offered.)                                                                                                   |    |                     |  |                             |  |                                                              |  |                              |   |                      |  |                    |           |                                                                                                                      |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | <b>Independent Study</b><br>If offered as an Independent Study course, this course may be repeated for further credit: (If yes, topic will be recorded.)<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit                                                 |    |                     |  |                             |  |                                                              |  |                              |   |                      |  |                    |           |                                                                                                                      |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | <b>Transfer Credit</b><br>Transfer credit already exists: (See <a href="#">bctransferguide.ca</a> )<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes<br>Submit outline for (re)articulation:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (If yes, fill in transfer credit form.) |    |                     |  |                             |  |                                                              |  |                              |   |                      |  |                    |           |                                                                                                                      |  |
| <b>Typical Structure of Instructional Hours</b> <table border="1"> <tr> <td>Lecture/seminar hours</td> <td>55</td> </tr> <tr> <td>Tutorials/workshops</td> <td></td> </tr> <tr> <td>Supervised laboratory hours</td> <td></td> </tr> <tr> <td>Experiential (field experience, practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Supervised online activities</td> <td>5</td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td><b>Total hours</b></td> <td><b>60</b></td> </tr> </table> |           | Lecture/seminar hours                                                                                                                                                                                                                                                                                                             | 55 | Tutorials/workshops |  | Supervised laboratory hours |  | Experiential (field experience, practicum, internship, etc.) |  | Supervised online activities | 5 | Other contact hours: |  | <b>Total hours</b> | <b>60</b> | <b>Grading System</b><br><input checked="" type="checkbox"/> Letter Grades <input type="checkbox"/> Credit/No Credit |  |
| Lecture/seminar hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 55        |                                                                                                                                                                                                                                                                                                                                   |    |                     |  |                             |  |                                                              |  |                              |   |                      |  |                    |           |                                                                                                                      |  |
| Tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                   |    |                     |  |                             |  |                                                              |  |                              |   |                      |  |                    |           |                                                                                                                      |  |
| Supervised laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                   |    |                     |  |                             |  |                                                              |  |                              |   |                      |  |                    |           |                                                                                                                      |  |
| Experiential (field experience, practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                   |    |                     |  |                             |  |                                                              |  |                              |   |                      |  |                    |           |                                                                                                                      |  |
| Supervised online activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5         |                                                                                                                                                                                                                                                                                                                                   |    |                     |  |                             |  |                                                              |  |                              |   |                      |  |                    |           |                                                                                                                      |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                                                                                                                                   |    |                     |  |                             |  |                                                              |  |                              |   |                      |  |                    |           |                                                                                                                      |  |
| <b>Total hours</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>60</b> |                                                                                                                                                                                                                                                                                                                                   |    |                     |  |                             |  |                                                              |  |                              |   |                      |  |                    |           |                                                                                                                      |  |
| Labs to be scheduled independent of lecture hours: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                                                                                                                                                                                                                                                                                                                                                                                            |           | <b>Maximum enrolment (for information only):</b> 30<br><b>Expected Frequency of Course Offerings:</b><br>Every two years (Every semester, Fall only, annually, etc.)                                                                                                                                                              |    |                     |  |                             |  |                                                              |  |                              |   |                      |  |                    |           |                                                                                                                      |  |
| <b>Department / Program Head or Director:</b> Dr. Adrianna Bakos                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | <b>Date approved:</b> November 2019                                                                                                                                                                                                                                                                                               |    |                     |  |                             |  |                                                              |  |                              |   |                      |  |                    |           |                                                                                                                      |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | <b>Date approved:</b> December 6, 2019                                                                                                                                                                                                                                                                                            |    |                     |  |                             |  |                                                              |  |                              |   |                      |  |                    |           |                                                                                                                      |  |
| <b>Dean/Associate VP:</b> Dr. Jacqueline Nolte                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Date approved:</b> December 6, 2019                                                                                                                                                                                                                                                                                            |    |                     |  |                             |  |                                                              |  |                              |   |                      |  |                    |           |                                                                                                                      |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Date of posting:</b> January 17, 2020                                                                                                                                                                                                                                                                                          |    |                     |  |                             |  |                                                              |  |                              |   |                      |  |                    |           |                                                                                                                      |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           | <b>Date of meeting:</b> January 31, 2020                                                                                                                                                                                                                                                                                          |    |                     |  |                             |  |                                                              |  |                              |   |                      |  |                    |           |                                                                                                                      |  |

**Learning Outcomes:**

Upon successful completion of this course, students will be able to:

- Discuss the major events and participants in the history of the U.S. Civil War and Reconstruction Eras.
- Discuss major developments and trends in historians' approaches to Civil War and Reconstruction History.
- Communicate through written analyses (centered around an argument and supported by primary and secondary sources) about a specific aspect of Civil War and Reconstruction history or historiography.
- Assess a variety of historical sources and digital records, with an emphasis on primary sources.
- Articulate issues of diversity in the past and the present.

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes      ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods** (*Guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion.*)

- 1) Lectures provided by the instructor, supported by documentary films and other visual material, and assigned readings for presentation of factual information and key interpretations;
- 2) Class discussion facilitated by the instructor and assessment of student writing (through written assignments)) to develop student articulation of their understanding of key issues and interpretations.
- 3) Student and instructor-directed online research and analysis of digital primary and secondary sources (5 hours of online activities)

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials** (*If more space is required, download Supplemental Texts and Resource Materials form.*)

| Author (surname, initials) | Title (article, book, journal, etc.)                                  | Current ed.                         | Publisher    | Year |
|----------------------------|-----------------------------------------------------------------------|-------------------------------------|--------------|------|
| 1. L. Masur                | <i>The Civil War: A Concise History</i>                               | <input checked="" type="checkbox"/> | Oxford       |      |
| 2. E. Foner                | <i>A Short History of Reconstruction, 1863-1877</i>                   | <input checked="" type="checkbox"/> | Harper & Row |      |
| 3. K. Burns                | <i>The Civil War</i> (documentary film)                               | <input type="checkbox"/>            | PBS          |      |
| 4. H.L. Gates, Jr.         | <i>Reconstruction: America After the Civil War</i> (documentary film) | <input type="checkbox"/>            | PBS          |      |
| 5. D.G. Faust              | <i>The Republic of Suffering: Death and the American Civil War</i>    | <input type="checkbox"/>            | Knopf        | 2008 |

**Required Additional Supplies and Materials** (*Software, hardware, tools, specialized clothing, etc.*)

**Typical Evaluation Methods and Weighting**

|                           |                                    |                     |                    |
|---------------------------|------------------------------------|---------------------|--------------------|
| Take home final exam: 15% | Reading and Film Commentaries: 35% | Field experience: % | Portfolio: %       |
| Midterm exam: %           | Research Paper and Project: 40%    | Practicum: %        | Participation: 10% |
| Quizzes/tests: %          | Lab work: %                        | Shop work: %        | Total: 100%        |

**Details (if necessary):**

**Typical Course Content and Topics**

1. Introductions and Overviews
- Part 1: The Civil War*
2. *Antebellum Slavery in the U.S.*
3. *Abolitionists and the Underground Railroad*
4. *The Sectional Crisis, Western Settlement, and the Origins of the War*
5. *The Election of 1860 and the Sumter Crisis*
6. *The Confederacy and the "Lost Cause"*
7. *Military Turning Points and International Perspectives*
8. *Emancipation and Total War*
- Part 2: Reconstruction*
9. *The Social Impact of the War and its Aftermath*
10. *Congress v the President (Presidential Reconstruction)*
11. *Radical Reconstruction and the Meanings of Postwar Freedom*
12. *The Abandonment of Reconstruction*
13. *The New South and Jim Crow Racism*

**Memo for New Course**

To: Amanda Grimson, UEC Committees Assistant; Jacqueline Nolte, Dean of Arts; Keri Van Eyck, Committees Assistant (Arts)

From: Adrianna Bakos, History Department Head

Date: October 29, 2019

**Subject: Proposal for new course – HIST 395 Field Studies in History**

1. Rationale for new course: HIST 395 provides a structured shell for those instructors that offer a course with significant embedded field experience. This shell encourages a deliberate interaction between preparatory classroom activities with the rich experiential learning opportunities of field-work. These attributes can be applied locally, nationally, and internationally linking HIST 395 to UVF's vision that encourages local initiatives and internationalization. Finally, it should be noted that the History Department has already been offering various kinds of field study opportunities but lacked this shell into which varied experiential learning and student-based research can be shaped into a coherent course.

2. How this new course fits into program(s): Being set at the 300-level, HIST 395 is open to all students with 45 university level credits. It will contribute to the upper-level requirements of all History program credentials.

*Note: Adding this course to a program will usually require a program change request.*

3. Explain how the course learning outcomes align with the learning outcomes of the program(s): The Learning Outcomes of HIST 395 are aligned with those of all History courses at the 300-level but also include outcomes related to the specific content and experiential learning aspects of the field work. The learning outcomes also recognize the potential of HIST 395 to satisfy the internationalization agenda of the program.
4. Will this course be required by any program beyond the discipline? If so, how will this course affect that program or programs? N/A
5. Which program areas have been consulted about the course? N/A
6. If a new discipline designation is required, explain why: N/A
7. What consideration has been given to indigenizing the curriculum? Depending on the specific version of HIST 395 (the course is lettered allowing multiple versions) the content might be specifically Indigenous themed. This could be achieved in the local, national, or international context depending on the destinations selected for the field-work.
8. If this course is not eligible for PLAR, explain why: Each version of HIST 395 will integrate class work and field work. This interaction shapes the experiential learning aspect of the course that is idiosyncratic and cannot be previously learned and subsequently evaluated.
9. Explain how each of the following will affect the budget for your area or any other area:
  - a. Credit value: N/A

- b. Class size limit: The noted class size limit of 18 recognizes the logistical challenges and economies of scale related to travel. This is, however, dependent on the distance and complexity of travel to the specified destinations of the particular version of the course. A local field studies course might allow for larger class maximums and this would be reflected in the specific lettered version of HIST 395.
  - c. Frequency of offering: As needed
  - d. Resources required (labs, equipment): N/A
10. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) How are the trips funded? Students would pay for the travel costs in addition to their tuition fees.
11. Estimate of the typical costs for this course, including textbooks and other materials: This varies widely depending on the destination. A field studies course examining local environmental history will incur little or no extra cost while a trip to Paris, France, will demand a much higher budget to cover travel costs.



ORIGINAL COURSE IMPLEMENTATION DATE: September 2020  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED (six years after UEC approval): January 2026  
 Course outline form version: 05/18/2018

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

Note: The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |    |                     |  |                             |  |                                                              |    |                              |  |                      |  |                    |           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----|---------------------|--|-----------------------------|--|--------------------------------------------------------------|----|------------------------------|--|----------------------|--|--------------------|-----------|
| <b>Course Code and Number:</b> HIST 395                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Number of Credits:</b> 4 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |    |                     |  |                             |  |                                                              |    |                              |  |                      |  |                    |           |
| <b>Course Full Title:</b> Field Studies in History<br><b>Course Short Title:</b><br><i>(Transcripts only display 30 characters. Departments may recommend a short title if one is needed. If left blank, one will be assigned.)</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |    |                     |  |                             |  |                                                              |    |                              |  |                      |  |                    |           |
| <b>Faculty:</b> Faculty of Humanities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Department (or program if no department):</b> History                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                       |    |                     |  |                             |  |                                                              |    |                              |  |                      |  |                    |           |
| <b>Calendar Description:</b><br>Students take their study of history beyond the classroom. Each field study course will combine in-class sessions with a travel component that may include local, national, or international destinations.<br>Note: This course will be offered under different letter designations (e.g. C-Z) representing different topics. This course may be repeated for credit provided the letter designation differs.                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |    |                     |  |                             |  |                                                              |    |                              |  |                      |  |                    |           |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 9 credits of lower-level history or 45 university-level credits.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                       |    |                     |  |                             |  |                                                              |    |                              |  |                      |  |                    |           |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |    |                     |  |                             |  |                                                              |    |                              |  |                      |  |                    |           |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |    |                     |  |                             |  |                                                              |    |                              |  |                      |  |                    |           |
| <b>Antirequisite Courses</b> <i>(Cannot be taken for additional credit.)</i><br>Former course code/number:<br>Cross-listed with:<br>Dual-listed with:<br>Equivalent course(s):<br><i>(If offered in the previous five years, antirequisite course(s) will be included in the calendar description as a note that students with credit for the antirequisite course(s) cannot take this course for further credit.)</i>                                                                                                                                                                                                                                                                                                                                                                                   | <b>Special Topics</b> <i>(Double-click on boxes to select.)</i><br>This course is offered with different topics:<br><input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <i>(If yes, topic will be recorded when offered.)</i><br><b>Independent Study</b><br>If offered as an Independent Study course, this course may be repeated for further credit: <i>(If yes, topic will be recorded.)</i><br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><b>Transfer Credit</b><br>Transfer credit already exists: (See <a href="http://bctransferguide.ca">bctransferguide.ca</a> )<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes<br>Submit outline for (re)articulation:<br>x No <input type="checkbox"/> Yes <i>(If yes, fill in transfer credit form.)</i><br><b>Grading System</b><br><input checked="" type="checkbox"/> Letter Grades <input type="checkbox"/> Credit/No Credit<br><b>Maximum enrolment (for information only):</b> 18<br><b>Expected Frequency of Course Offerings:</b><br>As needed <i>(Every semester, Fall only, annually, etc.)</i> |                       |    |                     |  |                             |  |                                                              |    |                              |  |                      |  |                    |           |
| <b>Typical Structure of Instructional Hours</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Lecture/seminar hours</td> <td style="text-align: center;">30</td> </tr> <tr> <td>Tutorials/workshops</td> <td></td> </tr> <tr> <td>Supervised laboratory hours</td> <td></td> </tr> <tr> <td>Experiential (field experience, practicum, internship, etc.)</td> <td style="text-align: center;">30</td> </tr> <tr> <td>Supervised online activities</td> <td></td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td style="text-align: right;"><b>Total hours</b></td> <td style="text-align: center;"><b>60</b></td> </tr> </table> Labs to be scheduled independent of lecture hours: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Lecture/seminar hours | 30 | Tutorials/workshops |  | Supervised laboratory hours |  | Experiential (field experience, practicum, internship, etc.) | 30 | Supervised online activities |  | Other contact hours: |  | <b>Total hours</b> | <b>60</b> |
| Lecture/seminar hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                       |    |                     |  |                             |  |                                                              |    |                              |  |                      |  |                    |           |
| Tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |    |                     |  |                             |  |                                                              |    |                              |  |                      |  |                    |           |
| Supervised laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |    |                     |  |                             |  |                                                              |    |                              |  |                      |  |                    |           |
| Experiential (field experience, practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                       |    |                     |  |                             |  |                                                              |    |                              |  |                      |  |                    |           |
| Supervised online activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |    |                     |  |                             |  |                                                              |    |                              |  |                      |  |                    |           |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |    |                     |  |                             |  |                                                              |    |                              |  |                      |  |                    |           |
| <b>Total hours</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>60</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                       |    |                     |  |                             |  |                                                              |    |                              |  |                      |  |                    |           |
| <b>Department / Program Head or Director:</b> Dr. Adrianna Bakos                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>Date approved:</b> November 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |    |                     |  |                             |  |                                                              |    |                              |  |                      |  |                    |           |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Date approved:</b> December 6, 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |    |                     |  |                             |  |                                                              |    |                              |  |                      |  |                    |           |
| <b>Dean/Associate VP:</b> Dr. Jacqueline Nolte                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Date approved:</b> December 6, 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |    |                     |  |                             |  |                                                              |    |                              |  |                      |  |                    |           |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Date of posting:</b> January 17, 2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                       |    |                     |  |                             |  |                                                              |    |                              |  |                      |  |                    |           |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Date of meeting:</b> January 31, 2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                       |    |                     |  |                             |  |                                                              |    |                              |  |                      |  |                    |           |

**HIST 395**

**University of the Fraser Valley Official Undergraduate Course Outline**

Page 2 of 2

**Learning Outcomes:**

Upon successful completion of this course, students will be able to:

- Discuss the key components of the specific history relevant to the field study.
- Debate themes and issues related to the history in question
- Discuss the ways in which the history in question is communicated by the contemporary culture in the places visited, whether in local, national or overseas locations.
- Articulate historical debates on the subject including those debates revealed in the public history (e.g., museums, memorials, cemeteries, etc.) in the places visited.
- Articulate the importance of context, evidence, perspective, and research in the study of history.
- Appraise both primary and secondary sources.
- Write using historical conventions and consciousness

**Prior Learning Assessment and Recognition (PLAR)**

☐ Yes ☒ No, PLAR cannot be awarded for this course because of the idiosyncratic interaction between the field-work and classroom studies.

**Typical Instructional Methods** (*Guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion.*)

Teaching methods will include lectures and seminar discussions. Audio-visual materials, including various types of still images, and videos will be used. Travel to specified locations will expose students to relevant materials and experiences.

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials** (*If more space is required, download Supplemental Texts and Resource Materials form.*)

| Author (surname, initials) | Title (article, book, journal, etc.)                     | Current ed.              | Publisher        | Year |
|----------------------------|----------------------------------------------------------|--------------------------|------------------|------|
| 1. Dejean, Joan            | How Paris Became Paris: The Invention of the Modern City | <input type="checkbox"/> | Bloomsbury Press | 2015 |
| 2. Jones, Colin            | Paris: The Biography of a City                           | <input type="checkbox"/> | Penguin          | 2006 |
| 3.                         |                                                          | <input type="checkbox"/> |                  |      |
| 4.                         |                                                          | <input type="checkbox"/> |                  |      |
| 5.                         |                                                          | <input type="checkbox"/> |                  |      |

**Required Additional Supplies and Materials** (*Software, hardware, tools, specialized clothing, etc.*)

None

**Typical Evaluation Methods and Weighting**

|                |   |                         |     |                   |   |                        |      |
|----------------|---|-------------------------|-----|-------------------|---|------------------------|------|
| Final exam:    | % | Assignments: Scrap Book | 10% | Field experience: | % | Scrap Book Commentary: | 40%  |
| Midterm exam:  | % | Project: Essay          | 30% | Practicum:        | % | Presentation:          | 20%  |
| Quizzes/tests: | % | Lab work:               | %   | Shop work:        | % | Total:                 | 100% |

**Details (if necessary):**

**Typical Course Content and Topics**

Paris: An Exploration of the City, Public History and Nation-Building  
A 7-week (13 week equivalency) Summer semester course

**Week 1**

Class1: Course introduction and discussion of travel expectations

Class 2: What is a "nation" and the historical background to French nation-building and the role of Paris in that identity

**Week 2**

Class 3: Public history and the role of the city and the state: Paris, the revolutionary city or the city of state authority?

Class 4: Cultural and regional challenges to the nation

**Week 3**

Class 5: Getting ready to travel!

Class 6: The on-line face of the sites we will visit

Week 4 and Week 5 ("Classes 7-10): Travel to Paris and northern France

**Week 6**

Class 11: Work on collected materials for final project: Scrap book and commentary

**Week 7**

Classes 12 and 13: Presentations



Number 84  
Effective Date 2014-11-07  
Next Review Date 2019-11

#### PREREQUISITES AND CO-REQUISITES

|                                |                                                                                              |
|--------------------------------|----------------------------------------------------------------------------------------------|
| Approval Authority             | Senate                                                                                       |
| Responsible Executive          | Provost and Vice-President, Academic                                                         |
| Related Policies / Legislation | Undergraduate Course and Program Approval (21)<br>Graduate Course and Program Approval (209) |

#### PURPOSE

This policy is to provide direction for establishing, publishing, and enforcing course prerequisites and co-requisites at the University of the Fraser Valley (UFV).

#### SCOPE

This policy applies to courses at UFV where specific skills or knowledge are required in order for students to be successful in the course.

#### DEFINITIONS

In this policy, the following definitions apply:

**Course:** A set of lectures or lessons in a particular subject, with defined learning outcomes, offered under a designated subject code and course number.

**Prerequisite:** A requirement such as a course, course credits, [admission to a particular program](#), or other academic skills, knowledge, or achievements that must be completed prior to taking a particular course.

**Co-requisite:** A course that is to be taken concurrently with another course.

**Pre- or co-requisite:** A course that must be completed either prior to or concurrently with another course.

**Prerequisite or co-requisite waiver:** Permission to register without meeting the required prerequisites and/or co-requisites for a course.

**~~Provisional~~ Conditional registration:** Registration that is conditional upon subsequently meeting prerequisites or co-requisites.

#### POLICY

Prerequisites and/or co-requisites shall be established where necessary to ensure that students have a reasonable chance of success in achieving the learning outcomes of a given course. Prerequisites and co-requisites shall be set at the minimum required for student success and shall be as flexible as possible to facilitate student access to courses.

Students are required to meet the stated course prerequisites and/or co-requisites to be eligible to register for a course.

**Commented [EH1]:** Since admission to a particular program is often included in course prerequisites, I suggest we add this.

**Commented [G2]:** On the Graduate Program Admissions form the wording used is Conditional instead of Provisional. Since the meaning in this case is dependent on the completion of another course, it would seem that Conditional is more accurate.

## REGULATIONS

### Setting prerequisites/co-requisites

1. Course prerequisites and co-requisites are established or changed through UFV's course approval processes, in accordance with Undergraduate and Graduate Course and Program Approval policies.
2. The head of the department or program proposing prerequisites or co-requisites will be required to show the requirements are necessary based on the learning outcomes for the course.

### Publication of prerequisites/co-requisites

1. Prerequisites and co-requisites for courses will be stated in course descriptions in the calendar and in the semester timetable.
2. When prerequisites for an existing course are increased or made more restrictive, a minimum of six months' notice in the UFV academic calendar is required. The Undergraduate Education Committee or Graduate Studies Committee may reduce or waive this notice if there is a compelling reason to implement the change sooner.

### Prerequisite/co-requisite checking

1. For undergraduate level courses, the minimum grade required for a prerequisite course is C- unless another minimum grade is stated. For graduate level courses, the minimum grade required for a prerequisite course is B-.
2. Prerequisites and co-requisites are checked and enforced during registration whenever possible. Students not meeting the prerequisites or co-requisites will be permitted to register only in the following situations:
  - a. **Prerequisite or co-requisite waivers:**
    - Students will be permitted to register for courses, excluding graduate level, if the designated instructor or departmental representative provides permission to waive the requirements.
    - Waivers for graduate level courses are granted rarely and only with permission of the Chair, Graduate Program Committee and the Associate Vice President, Research, Engagement, and Graduate Studies.
    - A waiver to bypass prerequisites or co-requisites does not give the student credit for the course bypassed nor does it imply that a waiver will be given for other courses with similar requirements.
  - b. **Provisional/Conditional registration:**
    - Students may be permitted to register provisionally/conditionally in some circumstances, including but not limited to when a prerequisite course is in-progress at UFV or when the Office of the Registrar is unable to check the course prerequisites.
    - A student who has been registered provisionally/conditionally is expected to be able to show that the prerequisites have been met. The student may be de-registered if it is later determined that the prerequisites have not been met.
3. Students who are registered in a course with a co-requisite will be withdrawn from the course if they drop the co-requisite, unless the instructor provides permission to waive the co-requisite.

**Commented [EH3]:** Change requested by GSC as graduate studies has a higher minimum grade for prerequisites.



Number 21  
Effective Date 2014-05-09  
Next Review Date 2019-05

#### UNDERGRADUATE COURSE AND PROGRAM APPROVAL

|                                |                                      |
|--------------------------------|--------------------------------------|
| Approval Authority             | Senate                               |
| Responsible Executive          | Provost and Vice-President, Academic |
| Related Policies / Legislation | University Act, s. 35.2(6)(b)        |

#### PURPOSE

The policy is to guide the review and approval of new courses and programs, and changes to existing courses and programs, to ensure that they meet both UFV and legislated quality assurance standards and requirements.

#### SCOPE

This policy applies to all new courses and programs and changes to existing courses and programs.

#### DEFINITIONS

In this policy, the following definitions apply:

**Program:** For the purposes of this policy, [a program is](#) ~~refers to~~ a collection of courses and associated requirements offered as a credential or an option within a credential. This includes, but is not limited to, a certificate, diploma, minor, extended minor, major, honours, degree, specialization, option, or concentration.

**Program Concept Paper:** A brief summary of a proposed new program prepared using a standard template provided by the Program Development Office.

**Program Development Office (PDO):** [The office that](#) ~~facilitates~~ and assists with the development of academic programs, and ~~in-with~~ matters related to academic quality assurance, curriculum design, and programming.

**Program Proposal:** The detailed description for a new program prepared on a standard template provided by the Program Development Office.

**Undergraduate Education Committee (UEC):** A Senate standing committee that provides Senate with advice on all matters related to the undergraduate educational programs of the university, including policies, practices, and criteria for admission, evaluation, and promotion of undergraduate students.

#### POLICY

The adoption of new and revised curriculum shall include a series of structured consultations, reviews, and approvals that give the UFV community [the](#) opportunity to examine a program or course in terms of the quality of the curriculum, consistency of standards, alignment with Institutional Learning Outcomes, attention to student needs, demand for a program, and generally, adherence to UFV's mandate, strategic goals, and priorities.

The internal process includes various consultations, reviews, and approvals by academic units, support areas, administrators, the Senate and its committees, and the Board of Governors. The Senate may delegate the authority to approve new courses and course changes to a Senate standing committee.

#### **REGULATIONS**

1. No new or revised program or course shall be implemented unless it has been reviewed and approved according to the provisions of this policy and related procedures.
2. A new course requires the approval of UEC, or Senate upon recommendation by UEC.
3. Course changes will be classified as either minor or major. What constitutes a minor or major course change will be determined and communicated by UEC.
4. A minor course change is to be approved by Faculty Council and submitted to UEC for review before inclusion in the Calendar.
5. A major course change requires the approval of UEC, or Senate upon recommendation by UEC.
6. A new program requires the approval of Senate according to the process outlined in ~~Procedures for Undergraduate Program~~ and Course Approval, available on the UFV website. In exceptional cases, the approval can be obtained through the ~~expedited~~ process outlined in Procedures for Expedited Undergraduate Program Approval. No proposal can be put through the expedited process more than once.
7. The process for major and minor program changes is determined by UEC. Major changes require the approval of Senate. Minor changes are approved by UEC, and sent to Senate for information. What constitutes a minor or major program change will be determined by Senate upon recommendation by UEC.
8. The criteria for applying the expedited program approval process to a new program are as follows:
  - 8.1. The expedited program approval process may be requested for a new undergraduate program if at least one of the following circumstances applies:
    - There is funding available from an external source, with time constraints.
    - There is a sudden emergent need in the community for a narrow, focused theme, and there is a funding source.
    - There is a request for a partnership with a time constraint, and there is a funding source.
    - There is a clearly demonstrable opportunity for revenue generation to meet a specific demand, with time constraints.
    - There is an opportunity for capital or infrastructure injection, with time constraints.
  - In addition,
    - 8.2. The program must be sustainable.
    - 8.3. The program must be consistent with the strategic goals of UFV.
    - 8.4. The program must be consistent with program priorities of UFV.
    - 8.5. There are minimal adverse implications for other faculties, programs, and services.
9. Procedures in support of this policy will be developed, maintained, and communicated as such:

**Commented [AG1]:** We haven't made a practice of sending minor changes to Senate for information. In some discussions, it has been agreed that this was not necessary since the UEC minutes are readily available online. Perhaps this should be changed to "are made available to Senate"?

- For new and revised courses: UEC.
- For new program proposals (including concept papers): UEC, in consultation with the Office of the Vice-Provost.
- For program revision: UEC.
- For expedited process: APPC, in consultation with the Office of the Vice-Provost.

Any procedures developed in support of this policy will consider the roles of other Senate ~~Standing~~ ~~standing~~ ~~Committees~~ ~~committees~~ in the course and program approval process.

Guidelines and templates in support of this policy will be administered by the Chair, Vice-Chair, and Assistant of the relevant committee by unanimous decision. Changes that are not unanimously agreed upon will be referred to the committee for decision.

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#### **APPENDICES**

Procedures for Undergraduate Program and Course Approval

Procedures for Expedited Undergraduate Program Approval

## UNDERGRADUATE EDUCATION COMMITTEE MEMBERSHIP 2019-20



| AREA REPRESENTED                                            | TERMS OF OFFICE          | MEMBER                                                      |
|-------------------------------------------------------------|--------------------------|-------------------------------------------------------------|
| <b>Voting Members</b>                                       |                          |                                                             |
| Vice-Chair, Registrar (or designate)                        | Ongoing                  | David Johnston                                              |
| <b>9 faculty members, at least 2 from Senate</b>            |                          |                                                             |
| Faculty (senator)                                           | 08-01-2018 to 07-31-2021 | Gilmour Jope, Faculty of Access and Continuing Education    |
| Faculty (senator)                                           | 08-01-2019 to 07-31-2022 | Sven van de Wetering, Faculty of Social Science             |
| Faculty (senator)                                           | 08-01-2019 to 07-31-2022 | Shelley Stefan, Faculty of Humanities                       |
| Faculty (senator)                                           | 08-01-2018 to 07-31-2021 | Amber Johnston, Faculty of Health Sciences                  |
| Faculty                                                     | 08-01-2018 to 07-31-2020 | Adrianna Bakos, Faculty of Humanities                       |
| Faculty                                                     | 08-01-2019 to 07-31-2021 | Teresa Arroliga-Piper, Faculty of Humanities                |
| Faculty (senator)                                           | 08-01-2019 to 07-31-2022 | Jonathan Hughes, Faculty of Science                         |
| Faculty                                                     | 08-01-2019 to 07-31-2021 | Rashad Mammadov, Faculty of Humanities                      |
| Faculty                                                     | 08-01-2019 to 07-31-2021 | Samantha Pattridge, Faculty of Humanities                   |
| <b>2 deans or associate deans</b>                           |                          |                                                             |
| Dean                                                        | 08-01-2018 to 07-31-2021 | Sue Brigden, Dean, Faculty of Access & Continuing Education |
| Dean                                                        | 08-01-2018 to 07-31-2021 | Linda Parady, Associate Dean of Students                    |
| <b>1 academic advisor</b>                                   | 08-01-2018 to 07-31-2020 | Bobby Jaswal, Student Services                              |
| <b>1 staff</b>                                              | 08-01-2018 to 07-31-2020 | Courtney Boisvert, Faculty of Access & Continuing Education |
| <b>2 undergraduate students</b>                             |                          |                                                             |
| Student                                                     | 08-01-2019 to 07-31-2021 | Neeraj Kumar                                                |
| Student                                                     | 08-01-2019 to 07-31-2020 | Alisha Mutneja                                              |
| Associate VP, Teaching and Learning (or designate)          | Ongoing                  | Everett Igobwa (designate)                                  |
| University Librarian (or designated librarian) (ex officio) | Ongoing                  | Heather Compeau (designate)                                 |
| <b>Ex-Officio Non-Voting Members</b>                        |                          |                                                             |
| Provost & Vice-President, Academic (or designate)           | Ongoing                  | Peter Geller (designate to July 31, 2021)                   |
| AVP, Research, Engagement & Graduate Studies (or designate) | Ongoing                  | Kirsten Robertson (designate)                               |
| Executive Director, International Education                 | Ongoing                  | David McGuire                                               |
| Senior Advisor on Indigenous Affairs                        | Ongoing                  | Shirley Hardman                                             |
| Manager, Enrolment Planning                                 | Ongoing                  | Donna Alary                                                 |
| AVP, Institutional Research and Integrated Planning         | Ongoing                  | Vladimir Dvoracek                                           |
| Director, Advising Centre                                   | Ongoing                  | Elaine Newman                                               |
| Coordinator, Program Development & Quality Assurance        | Ongoing                  | Bruce Kirkley                                               |
| <b>Administrative Support</b>                               |                          |                                                             |
| UEC Assistant/Calendar Editor, Office of the Registrar      |                          | Amanda Grimson                                              |

**CURRENT MEMBERSHIP: 26 members - 18 voting members and 8 non-voting members**

**Quorum: Fifty percent (50%) of voting membership (not including vacancies)**

Current as of January 20, 2020