



UNDERGRADUATE EDUCATION COMMITTEE (UEC) MEETING
May 18, 2018 - 10:00 AM
A225

AGENDA

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Page

**1. APPROVAL OF THE AGENDA**

**2. APPROVAL OF UEC MINUTES**

4 - 5      **2.1.** UEC draft minutes: April 20, 2018

MOTION: To approve the draft minutes as presented.

**3. COURSES AND PROGRAMS**

6 - 11      **3.1. Mathematics and Statistics: Course outlines**  
New course: MATH 416, Partial Differential Equations

MOTION: To approve the MATH 416 course outline as presented.

12 -  
25      **3.2. Physics: Course outlines**  
New course: ASTR 101, Solar System and History of Astronomy  
Changes including equivalent courses: ASTR 103  
Review with changes including total hours: ASTR 104

MOTION: To approve the ASTR course outlines as presented.

26 -  
29      **3.3. Arts: Program changes**  
Addition of course options: Bachelor of Arts  
Addition of course options: Liberal Arts diploma

MOTION: To approve the changes to the Bachelor of Arts degree and Liberal Arts diploma as presented, effective January 2019.

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35      **3.4. Fine Arts: Program changes**  
Changes to program requirements: Bachelor of Fine Arts

MOTION: To approve the changes to the Bachelor of Fine Arts degree as presented, effective January 2019.

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**3.5. Visual Arts: Course outlines**

Review with changes including title and prerequisites: VA 271, 272

MOTION: To approve the VA course outlines as presented.

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**3.6. Business: Program changes**

Changes to program requirements: Human Resources major  
Changes to program and residency requirements and availability in other programs: Organizational Studies minor

MOTION: To approve the changes to the Human Resources major as presented, effective January 2019.

MOTION: To recommend the changes to the Organizational Studies minor as presented, effective January 2019.

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**3.7. Economics: Course outlines**

Review with changes including title and prerequisites: ECON 207

Review with changes: ECON 215

Review with changes including prerequisites: ECON 307, 360, 365, 388, 490

Review with changes including prerequisites: ECON 361/GEOG 361

New course: ECON 285, The Economics of Sport

New course: ECON 342, International Capital Markets

New course: ECON 375, Health Economics

New course: ECON 395, Introduction to Behavioural Economics

Discontinuation: ECON 203

MOTION: To approve the revised ECON course outlines as presented.

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

MOTION: To approve the discontinuation of ECON 203 as presented.

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115

**3.8. Economics: Program changes**

Change to program requirements: Economics major

Change to program requirements: Economics minor

MOTION: To approve the changes to the Economics major and minor as presented, effective January 2019.

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**3.9. Social, Cultural, and Media Studies: Course outlines**

Changes including title and prerequisites: MACS 201/MUSC 201, MACS 334/SOC 334

Changes including prerequisites: MACS 235/JRNL 235

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MOTION: To approve the MACS course outlines as presented.

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135

- 3.10. Upgrading and University Preparation: Course outlines**  
Review with changes including prerequisites: MATH 084

MOTION: To approve the MATH 084 course outline as presented.

**4. OTHER BUSINESS/DISCUSSION ITEMS**

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- 4.1. Election of UEC Chair for 2018/19**  
**4.2. Admissions Subcommittee report**  
**4.3. Transfer Credit Subcommittee report**  
**4.4. Policy Subcommittee report**  
**4.5. 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))  
ECON 100, 101, 341, 352, 397, 398, 410  
MACS 110  
MACS 369/JRNL 369

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- 5.2. Official course outline form**  
Revisions including addition of maximum enrolment
- 5.3. Discontinuance:** Hospitality Event Management Post-baccalaureate certificate

**6. ADJOURNMENT**



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

April 20, 2018  
10:00 AM - A225  
Abbotsford Campus

### **DRAFT MINUTES**

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**PRESENT:** Adrianna Bakos, Maria Bos-Chan, Sue Brigden, Rhonda Colwell, Heather Compeau, Ceilidh Hart, David Johnston, Bruce Kirkley, Emilio Landolfi, David McGuire, Elaine Newman, Samantha Patridge, Teresa Piper, Mary Saudelli, Ben Vanderlei, Simon Xi  
**ABSENT:** Donna Alary, Vlad Dvoracek, John English, Peter Geller, Nancy Goad, Shirley Hardman, Kirsten Robertson, Eric Spalding, Arashpreet Tamber  
**GUESTS:** Alastair Hodges, Corry Jensen, Amber Johnston, Marlene Murray  
**RECORDER:** Amanda Grimson

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

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

##### **2.1. UEC draft minutes: March 23, 2018**

**MOTION:**

To approve the draft minutes as presented.  
CARRIED

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

##### **3.1. Criminology and Criminal Justice**

Changes including prerequisites: CRIM 202

**MOTION:**

To approve the CRIM 202 course outline as presented.  
CARRIED

##### **3.2. Kinesiology**

Change to breadth requirements: Bachelor of Kinesiology

Change course code from KPE to KIN: KIN 220C, 220D, 220E, 220F, 370

At the March 23, 2018 UEC meeting, 24 credits of non-KIN electives were added to the Bachelor of Kinesiology program. The Kinesiology department requested that this requirement be reconsidered, both to provide maximum flexibility for students, and because they feel sufficient breadth is already built into the degree. There is no consistency across similar Canadian programs in terms of required courses from outside the discipline.

UEC members agreed that the minimum number could be reduced, but felt that some breadth was still necessary in order to maintain the integrity of the degree. It was agreed that this requirement could be reduced to 12 non-KIN credits. This will be in addition to the literacy and numeracy requirements.

UEC Draft Minutes  
20 Apr 2018

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**MOTION:**

To change the "24 credits of non-KIN electives" added to the Bachelor of Kinesiology requirements at the March 23, 2018 UEC meeting to "12 credits of non-KIN electives".

CARRIED

**MOTION:**

To change the course code for the remaining KPE courses (220C, 220D, 220E, 220F, and 370) to KIN.

CARRIED

**4. OTHER BUSINESS/DISCUSSION ITEMS**

**4.1. Admissions Subcommittee report**

There was no report from this subcommittee.

**4.2. Transfer Credit Subcommittee report**

There was no report from this subcommittee.

**4.3. Policy Subcommittee report**

This subcommittee is behind schedule on revisions to Policy 105, but had nothing further to report.

**4.4. Senate report**

All items submitted to Senate in March were approved.

**5. INFORMATION ITEMS**

**5.1. Bloom's Taxonomy Digital Planning Verbs**

**6. ADJOURNMENT**

The meeting was adjourned at 11:06 am.

**Memo for New Course**

To: Faculty of Science Curriculum Committee, UEC

From: Ian Affleck (Department Head, Math and Stats)

Date: February 7, 2018

**Subject: Proposal for new course (MATH 416 - Partial Differential Equations)**

**1. Rationale for new course:**

The Department wishes to expand its coverage of applied mathematics. We already have suitable courses in numerical analysis (MATH 316), discrete mathematics (MATH 343), operations research (MATH 368) and Fourier analysis (MATH 440). One of the major areas of applied mathematics is differential equations, which splits into ordinary differential equations and partial differential equations. We already have MATH 415, *Ordinary Differential Equations II*, so the addition of a course in partial differential equations rounds out our applied mathematics offerings. The nature of this material requires familiarity with almost all of the topics covered in second-year mathematics courses so it is appropriate to run the new course at the fourth year level.

While PHYS/MATH 381 includes some treatment of partial differential equations, the proposed course is more theoretical than PHYS/MATH 381 and there is very little overlap between the two courses.

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

This course will have the same status as several other 400-level MATH courses: it will be offered every 2-4 years and satisfy “upper-level math course” and “400-level or math course” requirements in all programs where such requirements appear, but will not appear in any program as a specific named requirement.

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

Relevant learning outcomes of the Math major, minors, and extended minor are included below, in bold font.

**(M1a) employ the techniques and utilize the tools of calculus to model situations, solve both real-world and abstract problems, and develop elementary arguments**

Students meeting the course learning outcomes will be using the tools and techniques of multivariate calculus to model differential equations, solve both applied and abstract problems, and develop elementary arguments, such as uniqueness proofs.

**(M1b) employ the techniques and utilize the tools of linear algebra to model situations, solve both real-world and abstract problems, and develop elementary arguments**

Students meeting the course learning outcomes will be using the tools and techniques of linear algebra to model differential equations, solve both applied and abstract problems, and develop elementary arguments, such as uniqueness proofs.

**(M2) communicate mathematical ideas, results, and analyses effectively with both specialist and non-specialist audiences**

Students will present assignments, projects or analyses in writing or orally, with attention to clarity and with the intended audience – the instructor or fellow students - in mind.

**(M3) effectively read mathematical discourse in an engaged and active fashion**

Students will supplement the material covered in lectures by consulting course textbooks on their own time or in groups.

**(M4) assess reasoning against mathematical standards of argument; in particular, know what constitutes a proof and the means by which it may be effectively structured and communicated, and be able to establish elementary assertions using classical argument forms in the context of various subject areas**

Course Learning Outcome #5 is “Prove uniqueness conditions with a maximum principle”, which naturally requires familiarity with the concept of a formal mathematical proof, and how proofs are effectively structured and communicated.

**(M5) have learned and practiced creative problem solving strategies**

Course Learning Outcomes #3 and #4 are

- Solve partial differential equations in finite domains with eigenfunction expansions
- Apply appropriate methods to construct solutions of partial differential equations on infinite domains

These tasks require the students to learn and practice new problem solving strategies.

**(M6) be able to extract abstract principle from example, and vice versa**

Course Learning Outcome #1 requires classification of (particular) second order equations as elliptic, parabolic or hyperbolic, thus extracting abstract principle from example.

Course Learning Outcome #5 requires the use of an abstract principle to prove uniqueness of particular solutions, thus extracting example from abstract principle.

**(M7) have learned the fundamentals of fields from a spectrum of modern mathematics, thus acquiring a breadth of knowledge, technique and perspective**

A student meeting the Course Learning Outcomes will know the fundamentals from the mathematical field of Partial Differential Equations.

**(M8) have earned a credential credible in post-graduate and professional programs**

The Course Learning Outcomes go a long way towards preparing a student for graduate study or industry work in the field of Applied Mathematics.

**(M10) explore the power and utility of mathematics**

Students will meet this learning outcome as they discover how mathematical tools learned in the course are crucial in solving real-world mathematical problems.

**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?**

None.

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

N/A

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

We do not see a way to indigenize the curriculum in a meaningful way through the introduction of this course. Instead, indigenization is encouraged at the program level through breadth and elective requirements. Students can choose from courses where indigenization is relevant to the course content and discipline.

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

This course is eligible for PLAR.

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

*a. Credit value*

The credit value (3) for this course will have no budgetary impact. It is the same as the credit value of the other 400-level courses with which it will cycle in the timetable.

*b. Class size limit*

The class size limit (36) for this course will have no budgetary impact. It is the same as the class size limit of the other 400-level courses with which it will cycle in the timetable.

*c. Frequency of offering*

The frequency of offering will have no budgetary impact, since we will continue to offer 400-level courses overall with the same frequency after this course has joined the pool.

*d. Resources required (labs, equipment)*

No special resources will be required.

**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 will be required.

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

Typical cost for the course will be \$100-\$200 for a textbook.

**CWC comments and responses:**

When questioned about contact hours and credit hours the department has indicated that:

- While the contact hours add up to more than 50 hours, this course is consistent with other similar courses in Math.
- The extra meeting every second week allows for some in-class problem-solving time by students, decreasing the amount of time they need to spend on that outside of class.



ORIGINAL COURSE IMPLEMENTATION DATE: January 2019  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED (six years after UEC approval): May 2024  
 Course outline form version: 10/27/2017

## 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 416                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                         |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Course Full Title:</b> Partial Differential Equations<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 and Statistics                                                                                                                                                                                                                                                                                                                                                                    |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Calendar Description:</b><br>First order equations, characteristics, and shocks; classification of second order equations; well-posed problems; eigenfunction expansions; maximum principles and qualitative methods. Examples drawn from gas dynamics, heat flow, wave phenomena, and financial mathematics.                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | MATH 211, one of (MATH 152 or MATH 221), MATH 255, and MATH 265.                                                                                                                                                                                                                                                                                                                                                                               |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                  |  |
| <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><br>This course is offered with different topics:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(Double-click on box to select it as checked.)</i><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>(The specific topic will be recorded when offered.)</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 (7.5 hours every 2 weeks)</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 (7.5 hours every 2 weeks)                                                                                                                                                                                                                                                                                                                                                                                                | 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>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 type="checkbox"/> No <input checked="" type="checkbox"/> Yes <i>(If yes, fill in transfer credit form.)</i> |  |
| Lecture/seminar hours (7.5 hours every 2 weeks)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 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                                                                                                                                                                                                                                                                                                                           |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | <b>Expected Frequency of Course Offerings:</b><br>Every second year<br><i>(Every semester, Fall only, annually, every other Fall, etc.)</i>                                                                                                                                                                                                                                                                                                    |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                  |  |
| Labs to be scheduled independent of lecture hours: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Department / Program Head or Director:</b> Ian Affleck                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | <b>Date approved:</b> January 22 2018                                                                                                                                                                                                                                                                                                                                                                                                          |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | <b>Date approved:</b> March 2, 2018                                                                                                                                                                                                                                                                                                                                                                                                            |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Dean/Associate VP:</b> Greg Schlitt                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           | <b>Date approved:</b> March 2, 2018                                                                                                                                                                                                                                                                                                                                                                                                            |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | <b>Date of posting:</b> April 13, 2018                                                                                                                                                                                                                                                                                                                                                                                                         |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | <b>Date of meeting:</b> May 18, 2018                                                                                                                                                                                                                                                                                                                                                                                                           |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                  |  |

MATH 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:

- Classify second order equations as elliptic, parabolic or hyperbolic, and discuss the main differences between the categories
- Determine if a given boundary value problem or initial value problem is well-posed
- Solve partial differential equations in finite domains with eigenfunction expansions
- Apply appropriate methods to construct solutions of partial differential equations on infinite domains
- Prove uniqueness conditions with a maximum principle

**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

**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. Drabek, Pavel           | Elements of partial differential equations                                    | <input type="checkbox"/> | De Gruyter | 2014 |
| 2. Guenther, Ronald B.     | Partial differential equations of mathematical physics and integral equations | <input type="checkbox"/> | Dover      | 1996 |
| 3. Strauss, Walter A.      | Partial differential equations                                                | <input type="checkbox"/> | Wiley      | 2008 |
| 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: | 30% | Field experience: | % | Portfolio: | %    |
| Midterm exam:  | 20% | Project:     | 10% | Practicum:        | % | Other:     | %    |
| Quizzes/tests: | %   | Lab work:    | %   | Shop work:        | % | Total:     | 100% |

**Details (if necessary):**

**Typical Course Content and Topics**

First order partial differential equations (PDE), characteristics, shocks in gas dynamics.  
 Derivation of the PDE of mathematical physics: heat, wave, Laplace equation.  
 Classification of second order linear PDEs (canonical forms).  
 D'Alembert solution for the wave equation.  
 Eigenfunction expansions, separation of variables for PDEs on finite spatial domains.  
 Maximum principles for the Laplace equation.  
 Heat kernel and solution of the heat equation on the real line.  
 Energy estimates.

**Memo for New Course**

To: Ian Affleck, Chair of FSCC

From: Jeff Chizma, Physics department Head

Date: Feb 16, 2018

**Subject: Proposal for new course ASTR 101**

1. Rationale for new course:

- Given that the faculty of Arts no longer requires their students to take a Science lab course, we are offering up a new course which does not have a laboratory component, but can be used to satisfy the faculty of Arts Science literacy requirement. This course is just a 3 credit version of our ASTR 103 course without a lab component.

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

- This course is not part of any Physics program, and is being introduced as another option for a course that Arts students can use to satisfy their Science literacy requirement.

***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):

- This course is effectively our existing ASTR 103 course without the lab, and the learning outcomes are the same as that course – which have already been aligned with our departmental learning outcomes.

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

- This course will not be required by any program.

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

- The faculty of Arts was consulted to help ensure that the learning outcomes were consistent with their Science literacy requirements.

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

- N/A

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

- As this course is just ASTR 103 without a laboratory component, the indigenous content is the same as in that course – interpretations of the night sky by other cultures and indigenous peoples.

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

- This course is eligible for PLAR.

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

- This course will not affect our budget in any way.

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

➤ N/A

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

- As the textbook for the course is from OpenStax, the cost to students will be nothing beyond a calculator and the normal class supplies (pen, paper, etc.). Lab manuals are available for free in electronic form, but sections will require printing before they can be used in the labs.

**CWC comments and responses:**

- If ASTR 103 and 104 are being changed to meet the Arts requirements, why is this course needed?  
*Since Arts students are no longer required to take a lab science (the requirement is now scientific literacy), we decided that removing the lab might make it more attractive to Arts students. By dropping the lab component the course becomes less expensive (3 credits vs 4 credits), and less class time is required (labs are three hours per week). Would it make more sense to drop the lab from ASTR 103 and change it to 3 credits? No, dropping the lab from 103 would not make more sense. There are still other programs that do require a lab science (Business in particular), so we do not want to remove a possible way to satisfy that requirement for those students.*
- If this course is just ASTR 103 without the lab component, why is the calendar description different?  
*We thought that since this is a new course, it deserves a new description - and there are subtle differences between the two courses, particularly in terms of the grading scheme. The descriptions of 101 and 103 are quite similar in that they say the same thing in different ways. Were the descriptions be exactly the same, it may be confusing to distinguish between the two courses (and some might think there was an error in the Calendar). However, if UEC believes the descriptions should be exactly the same, then we can do that.*
- “SETI” should be spelled out in the calendar description.  
*I'm not sure I agree with this. First of all, SETI is now a well-known acronym used in the scientific community, and is almost always referred to in this manner (particularly in the context of an Astronomy course). There are many Calendar descriptions which use acronyms, and especially since there is now a word limit for all Calendar descriptions. It also acts as a both an effective advertising method (Want to know what SETI is? Then take this course!), as well as a way to get students to look up what it is (assuming they do not already know). So we would prefer to keep SETI the way it is.*



ORIGINAL COURSE IMPLEMENTATION DATE: January 2019  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED: (six years after UEC approval) May 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> ASTR 101                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Course Full Title:</b> Solar System and History of Astronomy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Course Short Title (if title exceeds 30 characters):</b> Solar System & History of Astr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Faculty:</b> Faculty of Science                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Department (or program if no department):</b> Physics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Calendar Description:</b><br>A brief history of astronomy, including Kepler and Newton's laws, gravity, orbits, eclipses, seasons, light, and astronomical instruments. Attributes of the Sun and the planets, their moons and other solar system objects. Discussion of the origins of planetary systems and SETI.<br><br>Note: Students with credit for ASTR 103 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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | None.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with:<br>Equivalent course(s): <b>ASTR 103, PHYS 103</b><br><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 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;">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: right;"><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><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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 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> 36<br><br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> Every year                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Department / Program Head or Director:</b> Dr. Jeff Chizma                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | <b>Date approved:</b> February 2018                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | <b>Date approved:</b> March 2, 2018                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | <b>Date of posting:</b> April 13, 2018                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Dean/Associate VP:</b> Dr. Lucy Lee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | <b>Date approved:</b> March 2, 2018                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | <b>Date of meeting:</b> May 18, 2018                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |

ASTR 101

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:

1. Describe, in general terms, the history and progress in astronomy from Lithic cultures to the present day.
2. Investigate indigenous world-views and their relationship with the Universe.
3. Explore the ramifications and ethics of explaining scientific truth to power through historical examples in astronomy.
4. Relate the progress in our understanding of the Universe to experimental observations and measurement.
5. Distinguish between the two main systems for plotting positions on the celestial sphere.
6. Solve simple orbital problems using Kepler's and Newton's Laws.
7. Identify the different parts and processes of the Sun.
8. Outline the major differences between the terrestrial and giant planets.
9. Describe the differences between the gas giants and the ice giants.
10. Describe the important properties of the other components of our solar system.
11. Investigate exoplanets and theories of planetary system formation.
12. Discuss the ethical considerations which must be taken into account when humans send spacecraft to other planetary bodies.

## 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, demonstration, small group practice, discussion, audiovisual presentation, use of models and charts.

**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. Fix, J.D.                          | Astronomy: Journey to the Cosmic Frontier, 6 <sup>th</sup> ed. | <input checked="" type="checkbox"/> | McGraw-Hill               | 2011 |
| 2. Freedman R. et al.                 | Universe, 10 <sup>th</sup> ed.                                 | <input checked="" type="checkbox"/> | W.H. Freeman & Co.        | 2014 |
| 3. Fraknoi A., Morrison D. & Wolff S. | Astronomy                                                      | <input checked="" type="checkbox"/> | OpenStax, Rice University | 2016 |
| 4.                                    |                                                                | <input type="checkbox"/>            |                           |      |
| 5.                                    |                                                                | <input type="checkbox"/>            |                           |      |

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

Calculator

## Typical Evaluation Methods and Weighting

|                |     |              |     |                   |     |            |      |
|----------------|-----|--------------|-----|-------------------|-----|------------|------|
| Final exam:    | 45% | Assignments: | 10% | Midterm exam:     | 20% | Practicum: | %    |
| Quizzes/tests: | 10% | Lab work:    | %   | Field experience: | %   | Shop work: | %    |
| Presentations: | 15% | Other:       | %   | Other:            | %   | Total:     | 100% |

**Details (if necessary):**

## Typical Course Content and Topics

- Week 1. Celestial Sphere and Celestial Clockwork
- Week 2. Early Astronomy
- Week 3. Renaissance Astronomy - Copernicus, Brahe, Kepler and Galileo
- Week 4. Gravitation & Newton
- Week 5. Light and Telescopes
- Week 6. Solar System Overview and the Sun
- Week 7. Earth
- Week 8. Moon and Mercury
- Week 9. Venus and Mars
- Week 10. Gas Giants: Jupiter and Saturn
- Week 11. Rings and Satellites
- Week 12. Ice Giants: Uranus and Neptune
- Week 13. Origin Remnants: Asteroids, TNOs, Comets, KBOs and the Oort Cloud
- Week 14. Origin of the solar system, exoplanets, astrobiology and SETI (Search for Extraterrestrial Intelligence)

## Laboratory Experiments

None

**Memo for Course Changes**

To: Ian Affleck, Chair of FSCC

From: Jeff Chizma (Physics department Head)

Date: Feb 16, 2016

**Subject: Proposal for revision of ASTR 103**

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:

- We are updating the course so that it will better match with the Science Literacy requirements in the faculty of Arts.
- We have also taken the opportunity to modify the Calendar description, as well as update the learning outcomes.
- We have added in the Astronomy OpenStax textbook to lower the cost to students, and have slightly changed the way the course is evaluated.

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

- There are no substantial changes to the learning outcomes.

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)?

- The faculty of Arts was consulted to ensure the updated learning outcomes conform to the Science requirements in the faculty of Arts.

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

- As this update is primarily for addressing the Science requirements of the faculty of Arts, we have not added any other indigenous content over what is already in the course (discussion of the interpretations of the night sky by other cultures, including indigenous peoples).
7. If this course is not eligible for PLAR, explain why:
    - This course is eligible for PLAR.
  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:
    - The budget will not be affected by any of the proposed changes.
  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:
    - Given that we have added an OpenStax textbook, we estimate the cost to be nothing beyond a calculator and normal supplies (pen, paper, etc). Lab manuals are available for free in electronic form, but sections will require printing before they can be used in the labs.



ORIGINAL COURSE IMPLEMENTATION DATE: June 1994  
 REVISED COURSE IMPLEMENTATION DATE: January 2019  
 COURSE TO BE REVIEWED: (six years after UEC approval) October 2020  
 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> ASTR 103                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | <b>Number of Credits:</b> 4 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| <b>Course Full Title:</b> Astronomy: The Solar System                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| <b>Course Short Title (if title exceeds 30 characters):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| <b>Faculty:</b> Faculty of Science                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | <b>Department (or program if no department):</b> Physics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| <b>Calendar Description:</b><br>A brief history of astronomy, Newton's laws, gravity, orbits, eclipses, seasons, light, and astronomical instruments. Attributes of the Sun and the planets, their moons, and other solar system objects are investigated, and finally planetary system origins.<br><br>Note: Students with credit for ASTR 101 cannot take this course for further credit. Labs will be used to deepen the understanding of the course material.                                                                                                                                                                                                                                  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | None.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| <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>PHYS 103</b><br>Cross-listed with:<br>Equivalent course(s): <b>PHYS 103, ASTR 101</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: 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: right;">45</td></tr> <tr><td>Seminars/tutorials/workshops</td><td></td></tr> <tr><td>Laboratory hours</td><td style="text-align: right;">30</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>75</b></td></tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 45 | Seminars/tutorials/workshops |  | Laboratory hours | 30 | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>75</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><i>Note: The specific topic will be recorded when offered.</i> |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 45        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 30        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>75</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Maximum enrolment (for information only):</b> 36<br><br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> every year                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| <b>Department / Program Head or Director:</b> Dr. Jeff Chizma                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | <b>Date approved:</b> February 2018                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Date approved:</b> March 2, 2018                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           | <b>Date of posting:</b> April 13, 2018                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| <b>Dean/Associate VP:</b> Dr. Lucy Lee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Date approved:</b> March 2, 2018                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | <b>Date of meeting:</b> May 18, 2018                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                      |  |

**Learning Outcomes**

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

1. Describe, in general terms, the history and progress in astronomy from Lithic cultures to the present day.
2. Investigate indigenous world-views and their relationship with the Universe.
3. Explore the ramifications and ethics of explaining scientific truth to power through historical examples in astronomy.
4. Relate the progress in our understanding of the Universe to experimental observations and measurement.
5. Distinguish between the two main systems for plotting positions on the celestial sphere.
6. Solve simple orbital problems using Kepler's and Newton's Laws.
7. Identify the different parts and processes of the Sun.
8. Outline the major differences between the terrestrial and giant planets.
9. Explain the differences between the gas giants and the ice giants.
10. Describe the important properties of the other components of our solar system.
11. Investigate exoplanets and theories of planetary system formation.
12. Write a basic lab report, including organized data tables, graphs, sample calculations, simple error analysis etc.
13. Build a simple Keplerian and a simple Galilean telescope, and understand the ray optics underpinning their operation.
14. Calculate the mass of Jupiter and the rotation rate of the Sun using computer simulations.
15. Incorporate the experience of labwork into an understanding of the difficulties of scientific investigation and determining scientific truth.
16. Discuss the ethical considerations which must be taken into account when humans send spacecraft to other planetary bodies.

**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, demonstration, small group practice, discussion, audiovisual presentation, use of models and charts, and laboratory experiments.

**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. Fix, J.D.               | Astronomy: Journey to the Cosmic Frontier, 6 <sup>th</sup> ed. | <input checked="" type="checkbox"/> | McGraw-Hill, N.Y.   | 2011 |
| 2. Freedman, R., et al.    | Universe, 10 <sup>th</sup> ed.                                 | <input checked="" type="checkbox"/> | Freeman & Co., N.Y. | 2014 |
| 3. OpenStax                | Astronomy                                                      | <input checked="" type="checkbox"/> | Houston, TX         | 2016 |

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

Calculator, lab manual.

**Typical Evaluation Methods and Weighting**

|                |     |              |     |                   |     |            |      |
|----------------|-----|--------------|-----|-------------------|-----|------------|------|
| Final exam:    | 45% | Assignments: | 10% | Midterm exam:     | 20% | Practicum: | %    |
| Quizzes/tests: | 10% | Lab work:    | 15% | Field experience: | %   | Shop work: | %    |
| Other:         | %   | Other:       | %   | Other:            | %   | Total:     | 100% |

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

|          |                                                                   |
|----------|-------------------------------------------------------------------|
| Week 1.  | Celestial Sphere and Celestial Clockwork                          |
| Week 2.  | Early Astronomy                                                   |
| Week 3.  | Renaissance Astronomy - Copernicus, Brahe, Kepler and Galileo     |
| Week 4.  | Gravitation & Newton                                              |
| Week 5.  | Light and Telescopes                                              |
| Week 6.  | Solar System Overview and the Sun                                 |
| Week 7.  | Earth                                                             |
| Week 8.  | Moon and Mercury                                                  |
| Week 9.  | Venus and Mars                                                    |
| Week 10. | Gas Giants: Jupiter and Saturn                                    |
| Week 11. | Rings and Satellites                                              |
| Week 12. | Ice Giants: Uranus and Neptune                                    |
| Week 13. | Origin Remnants: Asteroids, TNOs, Comets, KBOs and the Oort Cloud |
| Week 14. | Origin of the solar system, exoplanets, astrobiology and SETI.    |

**Laboratory Experiments**

Eight experiments will be performed. (One of them takes two lab periods.) It is anticipated that the other lab periods will be used for sky observing should the weather allow.

0. Introduction and Math Review (week 1)
1. Inverse Square Law (week 2)
2. Trigonometry and Parallax (week 3)
3. Mirrors, Lenses, Telescopes and Binoculars (week 4)
4. Orbits and Universal Gravitation (computer simulation - week 5)
5. Rotation of the Sun (computer simulation - week 6)
6. Comparative Planetology – 2 lab periods (weeks 7 & 8)
7. Planetary System Formation (computer simulation - week 9)
8. Observation/Take-home experiment  
(The Take-home experiment is selected from a list of 20+ procedures).

**Memo for Course Changes**

To: Ian Affleck, Chair of FSCC

From: Jeff Chizma (Physics department Head)

Date: Feb 16, 2016

**Subject: Proposal for revision of ASTR 104**

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 6 year review, we are updating the course so that it will better match with the Science Literacy requirements in the faculty of Arts.
- The title has been modified to better describe the course content.
- We have modified the Calendar description to adhere to the new word limit, as well as updated the learning outcomes.
- We have added in the Astronomy OpenStax textbook to lower the cost to students, and have slightly changed the way the course is evaluated.
- The instructional hours have been updated to more accurately reflect the way the course has been taught.

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

- There are no substantial changes to the learning outcomes.

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)?

- The faculty of Arts was consulted to ensure the new learning outcomes conform to the Science requirements in the faculty of Arts.

6. What consideration has been given to indigenizing the curriculum?
  - As Astronomy deals with the study of objects in the night sky, this naturally lends itself to discussions of how early civilizations and indigenous peoples interpreted these observations.
7. If this course is not eligible for PLAR, explain why:
  - This course is eligible for PLAR.
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:
  - The budget will not be affected by any of the proposed changes.
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:
  - Given that we have added an OpenStax textbook, we estimate the cost to be nothing beyond a calculator and normal supplies (pen, paper, etc). Lab manuals are available for free in electronic form, but sections will require printing before they can be used in the labs.

**CWC comment and response:**

- Additional rationale is required for the reduction in course hours from 90 to 75.  
*This course has to my knowledge always been run as two lecture blocks per week, so the change from 60 to 45 lecture hours is to bring it in line with our other courses running two blocks per week - same as ASTR 103 for example. I believe the previous listing of 60 lecture hours was an oversight which is now being corrected.*



ORIGINAL COURSE IMPLEMENTATION DATE: December 2001  
 REVISED COURSE IMPLEMENTATION DATE: January 2019  
 COURSE TO BE REVIEWED: (six years after UEC approval) May 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> ASTR 104                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Number of Credits:</b> 4 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Course Full Title:</b> Stars, Galaxies, and the Cosmos                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Course Short Title (if title exceeds 30 characters):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Faculty:</b> Faculty of Science                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Department (or program if no department):</b> Physics                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Calendar Description:</b><br><p>This introductory course focuses on the properties and life cycles of stars and galaxies, as well as modern theories about the origin and evolution of the universe.</p> <p>Note: The emphasis will be on conceptual development, but some math is required.</p>                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | None.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | None.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | One of the following: (Principles of Mathematics 11, Pre-Calculus 11, or Math 085) or (C or better in one of Applications of Mathematics 11 or Foundations of Mathematics 11).                                                                                                                                                                                                                                                                                                                                        |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number: <b>PHYS 104</b><br>Cross-listed with:<br>Equivalent course(s): <b>PHYS 104</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 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: 75</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 style="text-align: center;">30</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>75</b></td></tr> </table> | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 45 | Seminars/tutorials/workshops |  | Laboratory hours | 30 | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>75</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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>75</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Maximum enrolment (for information only):</b> 36<br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> Every year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Department / Program Head or Director:</b> Jeff Chizma                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Date approved:</b> February 2018                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Date approved:</b> March 2, 2018                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Date of posting:</b> April 13, 2018                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Dean/Associate VP:</b> Lucy Lee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Date approved:</b> March 2, 2018                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Date of meeting:</b> May 18, 2018                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |

ASTR 104

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:

- Describe the structure and contents of the universe and astronomical time-scales.
- Employ the basic laws of physics and chemistry to explain the life cycle of stars and galaxies.
- Compare related phenomena like black holes, quasars, pulsars and active galactic nuclei.
- Discuss some of the latest discoveries in astronomy such as gravitational waves, dark matter and dark energy.
- Describe the stages of the universe since the Big Bang.
- Identify different types of astronomical instruments.
- Write a basic lab report, including organized data tables, graphs, sample calculations, simple error analysis etc.
- Incorporate the experience of labwork into an understanding of the difficulties and ethics required of scientific investigations used to determine scientific truth
- Build a simple Keplerian and a simple Galilean telescope, and understand the ray optics underpinning their operation.
- Investigate the "distance ladder", i.e. estimate astronomical distances using Standard Candles (such as variable stars and supernovae) and Standard Metrics (such as Hubble's Law).
- Discuss the ethical considerations which must be taken into account when humans send spacecraft to other planetary bodies.

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes\* See Physics PLAR policy on dept. webpage ☐ 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, demonstration, small group practice, discussion, audiovisual presentation, use of models and charts, and laboratory experiments.

**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. Fix, John                            | Astronomy: Journey to the Cosmic Frontier | <input checked="" type="checkbox"/> | McGraw-Hill | 2011 |
| 2. Freedman R., Geller R. & Kaufmann W. | Universe                                  | <input checked="" type="checkbox"/> | Macmillan   | 2013 |
| 3. OpenStax                             | Astronomy                                 | <input checked="" type="checkbox"/> | Houston, TX | 2016 |
| 4.                                      |                                           | <input type="checkbox"/>            |             |      |
| 5.                                      |                                           | <input type="checkbox"/>            |             |      |

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

Calculator, lab manual.

## Typical Evaluation Methods and Weighting

|                |     |              |     |                   |     |            |      |
|----------------|-----|--------------|-----|-------------------|-----|------------|------|
| Final exam:    | 45% | Assignments: | 10% | Midterm exam:     | 20% | Practicum: | %    |
| Quizzes/tests: | 10% | Lab work:    | 15% | Field experience: | %   | Shop work: | %    |
| Other:         | %   | Other:       | %   | Other:            | %   | Total:     | 100% |

## Details (if necessary):

### Typical Course Content and Topics

- Week 1 Surveying the heavens
- Week 2 Analyzing starlight
- Week 3 Double stars
- Week 4 The stars, a celestial census
- Week 5 Gas and dust in space
- Week 6 The Sun, structure
- Week 7 The Sun, nuclear powerhouse
- Week 8 The birth of stars
- Week 9 Star clusters, stellar evolution
- Week 10 Evolution and death of stars
- Week 11 General Relativity, curved spacetimes
- Week 12 The Milky Way
- Week 13 Galaxies
- Week 14 Structure and evolution of the universe
- Week 15 The Big Bang

**LABORATORY EXPERIMENTS**

Between 6 and 7 labs will be done (two of them require 2 lab periods) depending on whether or not the student has taken Astronomy 103. These experiments will help clarify some of the abstract concepts presented in class. Other lab periods can be used for observation, weather permitting.

0. Introduction & Math Review
1. Inverse Square Law
2. Spectroscopy
3. Mirrors, Lenses, Telescopes and Binoculars
4. Blackbody Radiation and BV Filter Photometry
5. Hertzsprung-Russell Diagram (two lab periods)
6. Distance Ladder and Hubble (two lab periods)
7. The Tully-Fisher Relationship
8. Possible Observation Lab (selected from a list of 20+ procedures)

**Memo for Program Changes**

To: UEC

From: Alisa Webb, Associate Dean of Students and Chair, College of Arts Curriculum Committee

Date: March 9, 2018

**Subject: Minor program changes for BA and LAD**

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):

CACC has continued to vet courses as meeting the outcomes for the BA/LAD requirements. This change reflects an expanded set of course options.

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?

Arts has been consistent in ensuring the indigenization of its courses. Students taking Arts courses towards the LAD will encounter indigenous content, themes, and methods in a range of disciplines.

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

No additional resources required

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

Increased course options for 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? 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.)

Seats within existing courses

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.

Confirmed no budgetary implications

## Minor BA Program Change for Winter 2019 Calendar

Foundational Skills Requirement (4-5 courses)

| Foundational Skill    | Requirement                                                                                                                                         | Benchmark              |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| Writing Foundation    | One of CMNS 120, CMNS 125, ENGL 105, an A in English 12 or equivalent, an A in ENGL 091, or an A in ENGL 099                                        | Complete by 30 credits |
| Critical Thinking     | One of IDS 100 or PHIL 100                                                                                                                          | Complete by 30 credits |
| Quantitative Literacy | One of ECON 100, ECON 101, GEOG 252, GEOG 253, MATH 105, MATH 110, MATH 111, MATH 123, MATH 140, MATH 141, PSYC 110, STAT 104, or STAT 106          | Complete by 60 credits |
| Scientific Literacy   | One of <a href="#">ASTR 101</a> , <a href="#">ASTR 103</a> , <a href="#">ASTR 104</a> , BIO 105, BIO 106, GEOG 103, GEOG 105, GEOG 111, or GEOG 116 | Complete by 60 credits |

## Minor Liberal Arts Diploma Program Change for Winter 2019 Calendar

Foundational Skills Requirement (4-5 courses)

| Foundational Skill    | Requirement                                                                                                                                                 | Benchmark              |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| Writing Foundation    | One of <a href="#">CMNS 120</a> , CMNS 125, ENGL 105, an A in English 12 or equivalent, an A in ENGL 091, or an A in ENGL 099                               | Complete by 30 credits |
| Critical Thinking     | <a href="#">One of IDS 100 or</a> PHIL 100                                                                                                                  | Complete by 30 credits |
| Quantitative Literacy | One of ECON 100, ECON 101, <a href="#">GEOG 252</a> , GEOG 253, MATH 105, MATH 110, MATH 111, MATH 123, MATH 140, MATH 141, PSYC 110, STAT 104, or STAT 106 | Complete by 60 credits |
| Scientific Literacy   | One of <a href="#">ASTR 101</a> , <a href="#">ASTR 103</a> , <a href="#">ASTR 104</a> , BIO 105, BIO 106, GEOG 103, GEOG 105, GEOG 111, or GEOG 116         | Complete by 60 credits |

**Memo for Program Changes**

To: **Alisa Webb, CACC Chair**

From: **Shelley Stefan, BFAPC Chair**

Date: **March 16, 2018**

Subject: **Program change (BFA Program)**

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: Deletion of program that has been officially discontinued. Addition of note regarding new program option. Deletion of extraneous requirement limiting elective credit.

2. Rationale for change(s):

- a. **In consultation with the Dean's office, BFAPC would like to discontinue offering the Fashion Design minor and extended minor. The Fashion Design department closed several years ago and the programs in the BFA were continued for students with degrees in progress. We now wish to curtail the program entirely as it is impossible to service students with required courses.**
- b. **The 12 credit rule is an anachronism borrowed from our old BA. It has been deleted from the new BA. The BFAPC has opted to remove it from the BFA as well on the grounds that it provides no pertinent service to students, it is cumbersome with respect to coding for the degree audit, and places restrictions that are deemed unnecessary.**
- c. **CMNS 120 is being added as an option in the BFA writing requirement to further expand options and provide students with a range of outcomes to service the wide range of creative practitioners in this program.**
- d. **The proposed GDD major has the requirement for one of CIS 145 or GD 204 built into requirements. A note to recommend one of these choices for BFA GDD major students will assist students in strategic program planning. Please note, this will only require publication if and when the GDD major is approved.**

3. If program outcomes are new or substantially changed, explain how they align with the Institutional Learning Outcomes: **These changes are mainly of a housekeeping nature and do not change program outcomes substantially. An exception might be the narrowing options due to the deletion of Fashion Design; however, this program has been discontinued officially and hasn't been a viable program option for several years now.**
4. What consideration has been given to indigenizing the curriculum? **These changes are related largely to program navigation, not content of curriculum. Loosely speaking, changes b and c make the degree more flexible, which services a diverse learning community, including indigenous students, more strategically.**
5. Will additional resources be required? If so, how will these costs be covered? **No additional resources are needed.**
6. How will students be impacted? (Indicate the projected number of students impacted.) Is the change expected to increase/decrease enrolment in the program? **No change to enrollment is expected.**
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? **There is no change to credits required, core or elective.**
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.) **There may be a slight dip in the number of students choosing CMNS 125 as their second writing requirement course, as CMNS 120 will now be an option.**
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. **As CMNS 120 is a new course, the impact of adding it to the BFA should not be an issue.**
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. **No budgetary implications exist.**

### **BFA program requirements**

To receive a Bachelor of Fine Arts degree, students must complete the requirements for a Visual Arts major or two extended minors in accepted BFA-related disciplines: [Art History and Visual Studies](#), [Creative Writing](#), ~~[Fashion](#)~~, [Graphic and Digital Design](#), [Media and Communication Studies](#), [Theatre](#), or [Visual Arts](#). Alternatively, a minor or extended minor in most of these areas may be completed in addition to the Visual Arts major. A [minor in Business](#) may also be added to the Visual Arts major.

Students admitted to the degree should seek advice from the BFA Academic Advisor. A formal declaration of program choice should be made and approved by the BFA Academic Advisor after the completion of 30 credits and before 60 credits towards the degree (see the [Declaration of major, extended minors, and minors](#) section below).

### **Students in BFA degree programs must complete a minimum of 120 credits:**

- At least 45 of the 120 credits must be at the 300/400 level.
- At least 60 credits must be completed at UFV, of which 30 must be upper-level.
- Bachelor of Fine Arts general requirements must be satisfied.
- Requirements for one major or two extended minors must be satisfied.
- A minimum CGPA of 2.00 in the BFA program and a minimum CGPA of 2.00 in all upper-level credits is required.
- Pre-college or preparatory courses will not satisfy program requirements.

~~All UFV courses specified for degree programs, for the **Teacher Education program**, and for the **TESL certificate program** are acceptable for the elective credits remaining after requirements for any major, extended minor, and/or minor have been met. Of these remaining credits, up to 12 credits may be chosen from any UFV course, 100-level or higher, including credits earned in the **Co-operative Education program**.~~

### **BFA general requirements**

Students in all BFA degree programs will complete the following general requirements.

#### **Writing requirement**

Six credits from ENGL 105 (see Note 1) and any other 100-level English course, or [one of CMNS 120 or CMNS 125](#).

Note: Students who received an A in English 12 or equivalent (English Literature 12, English 12 First Peoples, IB English A (standard level or higher level), or AP English), ENGL 091, or ENGL 099 may replace the ENGL 105 requirement with any ENGL course numbered 108 or higher.

#### **Reasoning requirement**

PHIL 100 or AH 200.

#### Lab Science requirement

One course from:

- ASTR 103 or 104
- BIO 100-level or higher
- CHEM 100-level or higher
- CIS 145, 180, or 185
- GD 204
- GEOG 103 (see Note) or 116
- KPE 163 or 170
- PHYS 100-level or higher
- PSYC 202

Note 1: Students with credit for GEOG 101 or GEOG 102 cannot take GEOG 103 for further credit.

Note 2: GDD major students are recommended to take CIS 145 or GD 204 to meet their lab science requirement.

#### **Elective Note: Theatre Practica**

BFA students may use a maximum of six credits from lower-level Theatre practica courses toward elective requirements in the degree program. Lower-level Theatre practica courses include THEA 299, 290, and 295. Since each production represents a unique project, students may repeat THEA 299 once, or THEA 290 or 295 multiple times for further elective credit towards the BFA degree, within the six credit maximum. Additional credit will only be granted when the work undertaken in each practicum represents a different production role.

#### Programs of study within the BFA degree

UFV offers a major in [Visual Arts](#), and extended minors and minors in seven disciplines related to fine arts: [Art History and Visual Studies](#), [Creative Writing](#), [Fashion](#), [Graphic and Digital Design](#), [Media and Communication Studies](#), [Theatre](#), and [Visual Arts](#). Graduation requirements can be met by completing the course of study for the major, or by completing the course of study for two extended minors. Minors in these subject areas may be added at the student's discretion to either the major or a double extended minor program. Unfortunately, minors are not available in the BFA from other Arts areas.

#### Declaration of major, extended minors, and minors

Students who have been admitted to the Bachelor of Fine Arts program may formally declare a major, extended minors, or minors after they have completed at least 30 credits in the program with a minimum 2.0 CGPA on all credits attempted, provided that they have also met the declaration requirements of the subject discipline where applicable. Formal declaration is completed by appointment with the BFA Academic Advisor.

Students must declare at least one major or two extended minors by the time they have completed 60 university-level credits. Students who have completed 60 credits but have not yet declared at least one major or two extended minors will not be permitted to register. Exceptions may be made in special circumstances by the BFA Academic Advisor.

#### Double extended minor requirements

Students wishing to concentrate on two subject areas can earn a Bachelor of Fine Arts degree by completing two of the following extended minors:

- [Art History](#) (see Note)
- [Creative Writing](#)
- ~~[Fashion](#) (no longer offered)~~
- [Graphic and Digital Design](#)
- [Media and Communication Studies](#) (see Note)
- [Theatre](#)
- [Visual Arts](#)

Note: The BFA degree must contain at least one creative practice discipline. Extended minors in Art History and Media and Communications Studies cannot be combined with each other in the BFA degree. Students wishing to combine these two disciplines should pursue a BA degree.

To receive a Bachelor of Fine Arts degree with a double extended minor, students must complete all designated requirements in two discipline areas, plus one course from each of the following two areas:

- **Visual Literacy:** At least 3 credits from any Film Studies course, any Graphic Design course except GD 102, or any Visual Arts course.
- **Performance Literacy:** At least 3 credits from ENGL 211, ENGL 381, MUSC 199, or any Theatre course except THEA 101, THEA 201-204, THEA 301, or THEA 401.

Students admitted to the degree should seek advice from the BFA Academic Advisor regarding requirements. Declarations should be made with the BFA Academic Advisor when at least 30 credits have been completed.

#### **Additionally, of the 120 BFA credits:**

- 65 must be in Arts subjects.
- At least 15 credits must be completed at the upper level in each of two extended minor disciplines (see individual subject areas for specific extended minor requirements).
- Residency requirements must be met: at least seven upper-level credits counting towards each extended minor must be completed at UFV.
- The Bachelor of Fine Arts general requirements must be satisfied.

- Students completing a double extended minor must also complete a breadth requirement of nine credits in three areas: Visual Literacy, Performance Literacy, Historical/Critical Literacy. These credits must be exclusive of the work completed for the discipline requirements of the extended minors.

**Memo for Course Changes**

To: Alisa Webb, Chair of CACC

From: Department Head, Shelley Stefan, Visual Arts Department

Date: March 19, 2018

**Subject: Proposal for revision of VA 271**

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 VA 271 course was long overdue for a review. The VAPC, the Visual Arts Program Committee, worked diligently with each other, and with associated Visual Arts faculty in the Extended Media stream, as well as faculty in the associated performance studies theatre discipline, to make the appropriate changes necessary to ensure a relevant, active, and successful course moving forward. The new name change and improved course description reflect a more honest and accessible framework for students who want to study in the extended media practice of image, sound, and performance art.
3. If there are substantial changes to the learning outcomes, explain how they align with the learning outcomes of the program(s): The changes to the learning outcomes made to VA 271 reflect an accurate representation of what the students really learn in the course, providing an opportunity for students to explore the extended media discipline with a focus on image, sound, and performance art. This course, and its second stage (VA 272), fill in the gap in our program for media-centred visual arts courses at the lower levels whose focus fleshes out the extended media discipline in the area of image, sound, and performance art.
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 not required by any other area, yet it is a building block option in many programs such as the VA Diploma, the BFA VA major, and in the concentration(s) of the Bachelor of Media Arts Degree (MEDA). The changes also reflect a synergy between VA studio courses and the growth of a performance studies discipline, as built by the consultation period with Theatre faculty.

5. Which program areas have been consulted about the change(s)? VA Department (BFA), Theatre Department (BA), MEDA
6. What consideration has been given to indigenizing the curriculum? Every effort is made in the program and in this course to provide relevant Indigenous art examples and a conceptual approach to issues that affect Indigenous and Indigenous-Ally communities as reflected through contemporary and historical art practices.
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+

**CWC comments and responses:**

- Are there any more recent texts available?

*The texts are still very relevant to the course. If there is a need to add more recent texts, we can research into this further in the next round.*



ORIGINAL COURSE IMPLEMENTATION DATE: May 2006  
 REVISED COURSE IMPLEMENTATION DATE: January 2019  
 COURSE TO BE REVIEWED (six years after UEC approval): May 2024  
 Course outline form version: 10/27/2017

## 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> VA 271                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                           |    |                              |    |                  |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Course Full Title:</b> Image, Sound, and Performance Art I                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Course Short Title:</b> Image/Sound/Performance Art I                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Faculty:</b> Faculty of Humanities <a href="#">Choose an item.</a>                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | <b>Department (or program if no department):</b> Visual Arts                                                                                                                                                                                                                                                                                                                                                                                     |    |                              |    |                  |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Calendar Description:</b><br>Students create image, sound, and performance art projects. Students focus on technical and conceptual skills while developing critical approaches to extended media art practices.                                                                                                                                                                                                                                                                                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                  |  |
| <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: <b>VA 171</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><br>This course is offered with different topics:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes ( <i>Double-click on box to select it as checked.</i> )<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>(The specific topic will be recorded when offered.)</i> |    |                              |    |                  |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Typical Structure of Instructional Hours</b> <table border="1"> <tr> <td>Lecture hours</td> <td>12</td> </tr> <tr> <td>Seminars/Tutorials/workshops</td> <td>12</td> </tr> <tr> <td>Laboratory hours</td> <td>36</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>60</b></td> </tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                    | 12 | Seminars/Tutorials/workshops | 12 | Laboratory hours | 36 | Experiential (field experience, practicum, internship, etc.) |  | Supervised online activities |  | Other contact hours: |  | <b>Total hours</b> | <b>60</b> | <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 revised outline for rearticulation:<br><input type="checkbox"/> No <input checked="" type="checkbox"/> Yes ( <i>If yes, fill in transfer credit form.</i> ) |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 12        |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                  |  |
| Seminars/Tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12        |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                  |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 36        |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                  |  |
| 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                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | <b>Expected Frequency of Course Offerings:</b><br>Annually<br><i>(Every semester, Fall only, annually, every other Fall, etc.)</i>                                                                                                                                                                                                                                                                                                               |    |                              |    |                  |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Department / Program Head or Director:</b> Shelley Stefan                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | <b>Date approved:</b> March 2018                                                                                                                                                                                                                                                                                                                                                                                                                 |    |                              |    |                  |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | <b>Date approved:</b> April 6, 2018                                                                                                                                                                                                                                                                                                                                                                                                              |    |                              |    |                  |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Dean/Associate VP:</b> Jacqueline Nolte                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | <b>Date approved:</b> April 6, 2018                                                                                                                                                                                                                                                                                                                                                                                                              |    |                              |    |                  |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | <b>Date of posting:</b> May 11, 2018                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Date of meeting:</b> May 18, 2018                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |    |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                  |  |

VA 271

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:

1. Create examples of image, sound, and performance art practices
2. Describe various visual discourses that relate to image, sound, and performance art practices
3. Discuss examples of image, sound, and performance art, in historical and contemporary contexts
4. Verbally articulate their own ideas and processes in group and individual critiques
5. Apply self-reflexivity in relation to reception, audience, and spectatorship

## Prior Learning Assessment and Recognition (PLAR)

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

## Typical Instructional Methods

Course content is explored through lectures, student presentations, individual projects, technical demonstrations, class critiques, 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. Nicholas Gane & David Beer | New Media: The Key Concepts.                | <input type="checkbox"/> | Berg               | 2008 |
| 2. Jones, A.                  | Body Art: Performing the Subject            | <input type="checkbox"/> | Univ. of Minnesota | 1998 |
| 3. Lovejoy, M.                | Digital Currents: Art in the Electronic Age | <input type="checkbox"/> | Routledge          | 2004 |
| 4.                            |                                             | <input type="checkbox"/> |                    |      |
| 5.                            |                                             | <input type="checkbox"/> |                    |      |

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

Supplies are based on students' projects in consultation with the instructor.

## Typical Evaluation Methods and Weighting

|                |   |              |     |                   |   |                           |      |
|----------------|---|--------------|-----|-------------------|---|---------------------------|------|
| Final exam:    | % | Assignments: | 90% | Field experience: | % | Portfolio:                | %    |
| Midterm exam:  | % | Project:     | %   | Practicum:        | % | Attendance/Participation: | 10%  |
| Quizzes/tests: | % | Lab work:    | %   | Shop work:        | % | Total:                    | 100% |

## Details (if necessary):

## Typical Course Content and Topics

Course content is explored through student presentations, reading assignments, individual projects, visual presentations of time-based work, technical demonstrations, class critiques and discussions. Course content varies by instructor. An example of course content might be:

Week 1: Course outline review, intro to projects  
 Week 2: Technical demos, artist examples  
 Week 3: Work period  
 Week 4: Critique of project #1  
 Week 5: Intro to project #2, artist examples  
 Week 6: Technical demos  
 Week 7: Work period  
 Week 8: Critique of project #2  
 Week 9: Intro to project #3, artist examples  
 Week 10: Technical demos  
 Week 11: Work period  
 Week 12: Field trip  
 Week 13: Critique of project #3

**Memo for Course Changes**

To: Alisa Webb, Chair of CACC

From: Department Head, Shelley Stefan, Visual Arts Department

Date: March 19, 2018

**Subject: Proposal for revision of VA 272**

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 VA 272 course was long overdue for a review. The VAPC, the Visual Arts Program Committee, worked diligently with each other, and with associated Visual Arts faculty in the Extended Media stream, as well as faculty in the associated performance studies theatre discipline, to make the appropriate changes necessary to ensure a relevant, active, and successful course moving forward. The new name change and improved course description reflect a more honest and accessible framework for students who want to study in the extended media practice of image, sound, and performance art. The course changes also reflect more accurately the gap being filled by these courses in our larger program and most specifically in the extended media stream.
3. If there are substantial changes to the learning outcomes, explain how they align with the learning outcomes of the program(s): The changes to the learning outcomes made to VA 272 reflect an accurate representation of what the students really learn in the course, providing an opportunity for students to explore the extended media discipline with a focus on image, sound, and performance art. This course, and its pre-requisite (VA 271), fill in the gap in our program for media-centred visual arts courses at the lower levels whose focus fleshes out the extended media discipline in the area of image, sound, and performance art.
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 not required by any other area, yet it is part of a building block option in many programs such as the VA Diploma, the BFA VA major, and in the concentration(s) of the Bachelor of Media Arts Degree (MEDA). The changes also reflect a synergy between VA studio

courses and the growth of a performance studies discipline, as built by the consultation period with Theatre faculty.

5. Which program areas have been consulted about the change(s)? VA Department (BFA), Theatre Department (BA), MEDA
6. What consideration has been given to indigenizing the curriculum? Every effort is made in the program and in this course to provide relevant Indigenous art examples and a conceptual approach to issues that affect Indigenous and Indigenous-Ally communities as reflected through contemporary and historical art practices.
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+

**CWC comments and responses:**

- Are there any more recent texts available?

*The texts are still very relevant to the course. If there is a need to add more recent texts, we can research into this further in the next round.*



ORIGINAL COURSE IMPLEMENTATION DATE: May 2006  
 REVISED COURSE IMPLEMENTATION DATE: January 2019  
 COURSE TO BE REVIEWED (six years after UEC approval): May 2024  
 Course outline form version: 10/27/2017

## 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> VA 272                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a> |               |    |                              |    |                  |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Course Full Title:</b> Image, Sound, and Performance Art II                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                        |               |    |                              |    |                  |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Course Short Title:</b> Image/Sound/Performance Art II                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                        |               |    |                              |    |                  |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Faculty:</b> Faculty of Humanities <small>Choose an item.</small>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Department (or program if no department):</b> Visual Arts           |               |    |                              |    |                  |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Calendar Description:</b><br><br>This course expounds on the principles and practices introduced in VA 271. Building on new themes and materials, students continue to explore image, sound, and performance art practices while deepening their academic research related to their art production.                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                        |               |    |                              |    |                  |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | VA 271.                                                                |               |    |                              |    |                  |    |                                                              |  |                              |  |                      |  |                    |           |
| <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: <b>VA 172</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><br>This course is offered with different topics:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(Double-click on box to select it as checked.)</i><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>(The specific topic will be recorded when offered.)</i>                                                                                                                                                                                                                                                                                                            |                                                                        |               |    |                              |    |                  |    |                                                              |  |                              |  |                      |  |                    |           |
| <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 revised outline for rearticulation:<br><input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <i>(If yes, fill in transfer credit form.)</i>                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                        |               |    |                              |    |                  |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Typical Structure of Instructional Hours</b> 60 <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr> <td style="width: 80%;">Lecture hours</td> <td style="width: 20%; text-align: center;">12</td> </tr> <tr> <td>Seminars/tutorials/workshops</td> <td style="text-align: center;">12</td> </tr> <tr> <td>Laboratory hours</td> <td style="text-align: center;">36</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 hours | 12 | Seminars/tutorials/workshops | 12 | Laboratory hours | 36 | Experiential (field experience, practicum, internship, etc.) |  | Supervised online activities |  | Other contact hours: |  | <b>Total hours</b> | <b>60</b> |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 12                                                                     |               |    |                              |    |                  |    |                                                              |  |                              |  |                      |  |                    |           |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 12                                                                     |               |    |                              |    |                  |    |                                                              |  |                              |  |                      |  |                    |           |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 36                                                                     |               |    |                              |    |                  |    |                                                              |  |                              |  |                      |  |                    |           |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                        |               |    |                              |    |                  |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Expected Frequency of Course Offerings:</b><br>Annually<br><i>(Every semester, Fall only, annually, every other Fall, etc.)</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                        |               |    |                              |    |                  |    |                                                              |  |                              |  |                      |  |                    |           |
| Labs to be scheduled independent of lecture hours: <input type="checkbox"/> No <input type="checkbox"/> Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                        |               |    |                              |    |                  |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Department / Program Head or Director:</b> Shelley Stefan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Date approved:</b> March 2018                                       |               |    |                              |    |                  |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Date approved:</b> April 6, 2018                                    |               |    |                              |    |                  |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Dean/Associate VP:</b> Jacqueline Nolte                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Date approved:</b> April 6, 2018                                    |               |    |                              |    |                  |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Date of posting:</b> May 11, 2018                                   |               |    |                              |    |                  |    |                                                              |  |                              |  |                      |  |                    |           |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Date of meeting:</b> May 18, 2018                                   |               |    |                              |    |                  |    |                                                              |  |                              |  |                      |  |                    |           |

VA 272

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:

1. Create proficient examples of image, sound, and performance art practices
2. Implement intermediate technical skills related to image, sound, and performance art practices
3. Apply analysis and interpretation of image, sound, and performance art in historical and contemporary contexts
4. Clearly articulate their own ideas and processes in group and individual critiques
5. Further develop skills of self-reflexivity in relation to reception, audience, and spectatorship

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

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

Portfolio assessment & Interview(s)

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

Course content is explored through lectures, student presentations, individual projects, technical demonstrations, class critiques, 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. Jones, A.               | Body Art: Performing the Subject            | <input type="checkbox"/> | Univ. of Minnesota | 1998 |
| 2. Lovejoy, M.             | Digital Currents: Art in the Electronic Age | <input type="checkbox"/> | Routledge          | 2004 |
| 3.                         |                                             | <input type="checkbox"/> |                    |      |
| 4.                         |                                             | <input type="checkbox"/> |                    |      |
| 5.                         |                                             | <input type="checkbox"/> |                    |      |

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

Supplies are based on students' projects in consultation with the instructor.

**Typical Evaluation Methods and Weighting**

|                |   |              |     |                   |   |                           |      |
|----------------|---|--------------|-----|-------------------|---|---------------------------|------|
| Final exam:    | % | Assignments: | 90% | Field experience: | % | Portfolio:                | %    |
| Midterm exam:  | % | Project:     |     | Practicum:        | % | Attendance/Participation: | 10%  |
| Quizzes/tests: | % | Lab work:    | %   | Shop work:        | % | Total:                    | 100% |

**Details (if necessary):**

**Typical Course Content and Topics**

Week 1: Course outline review, intro to projects  
 Week 2: Technical demos, artist examples  
 Week 3: Work period  
 Week 4: Critique of project #1  
 Week 5: Intro to project #2, artist examples  
 Week 6: Technical demos  
 Week 7: Work period  
 Week 8: Critique of project #2  
 Week 9: Intro to project #3, artist examples  
 Week 10: Technical demos  
 Week 11: Work period  
 Week 12: Field trip  
 Week 13: Critique of project #3

**Memo for Program Changes**

To: Undergraduate Education Committee

From: Dr. Kirsten Robertson, HRM/OS Area Chair, School of Business  
Dr. Frank Ulbrich, Director, School of Business

Date: January 30, 2018

**Subject: Program change: Human Resource (HR) Major**

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: Change of an elective course to a required course for the HR major

2. Rationale for change(s): The principles of organization theory are an essential component of an HR student's discipline-specific knowledge. Although, BUS 304 is the course that exposes students to fundamental concepts of organization theory, BUS 304 is only an elective course. Covering essential topics of organization theory BUS 304 should be taken by all HRM major students.

BUS 304 is also a prerequisite to a few upper-level HRM major electives. Both BUS 407 and BUS 408 require BUS 304 as a prerequisite. Changing BUS 304 to be a required course would ensure that students have the necessary prerequisites when they look to take BUS 407 and/or BUS 408 in their final year of studies.

3. If program outcomes are new or substantially changed, explain how they align with the Institutional Learning Outcomes: There is no substantial change to program outcomes.
4. What consideration has been given to indigenizing the curriculum? BUS 304 includes case studies of Indigenous organizations.
5. Will additional resources be required? If so, how will these costs be covered? The change from elective to mandatory course is predicted to have no implication on the overall enrollment in BUS courses and, hence, no additional resources will be required.
6. How will students be impacted? (Indicate the projected number of students impacted.) Is the change expected to increase/decrease enrolment in the program? Students who declare HRM as a major after the program change is implemented and who may not have chosen BUS 304 as an

elective (currently about 15% of students) will be impacted through being required to take the course. Given the importance of the learning outcomes in BUS 304, the HR area feels that the addition of this course will be a benefit to the relatively small group of students who wouldn't have chosen it as an elective. The Academic Calendar copy that governs a student's program is in effect at declaration, not admission

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? The change will increase the number of core courses in the HRM major by one, and it will replace one of the elective courses. Currently, the HRM major includes more upper-level elective courses than the other BBA majors and so the change will bring the HRM major more in line with the other majors in terms of number of core versus elective courses.
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.). It is predicted that the total number of seats will not change and hence the program change can be accommodated within current resource allocations.

Historically, BUS 304 has already been highly subscribed by students: the 5-year HRM rate of taking BUS 304 is 77%, the all-time rate is 78% and last year, 85% of HRM grads had taken the course. In addition, making BUS 304 mandatory will reduce the number of electives in the major so the total number of seats should be stable. The course is offered at least once per semester, and there are no anticipated changes in seat reserves.

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.

Attached.



**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 Human Resources Major (BBA)**

**Date: February 14, 2018**

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The School of Business proposes to change BUS 304 Organization Theory and Application to a required course from an elective one to ensure students have the foundational knowledge and necessary pre-requisites required when looking to take BUS 407 and /or BUS 408 in their final year of studies.

The change from an elective to a required/mandatory course will have no implications on the overall enrolment of the Business School courses and as a result no additional resources are required.

As such, budgetary implications of the proposed changes have been considered and are addressed in the School of Business, and the Faculty of Professional Studies budgets.

A handwritten signature in black ink, appearing to read "Tracy Ryder Glass".

## Human Resource Management major

This major is designed to equip student with the skills and abilities necessary for a successful career in human resource management. It also provides students with the foundation for successful completion of the Human Resources Management Association's Knowledge Exam ([NKE](#)), the first step in the certification process to obtain the national Chartered Professional in Human Resource (CPHR) designation.

[Students who graduate from the Human Resources Management major may be eligible for exemption from writing the NKE. For more information see <https://www.ufv.ca/business/programs/bba/human-resource-management-major/>.](#)

The Human Resource Management major may not be combined with an Organizational Studies minor, unless four additional upper-level elective courses (see list below) are taken which are not included in the minor.

This section specifies only the requirements for the Human Resource Management major, which may be completed in the [BBA degree](#). Degree students must ensure that all other degree requirements have been met, including the requirements for declaring a major. For students who are planning on completing this major within their degree program, please check the [BBA residency](#) section of the calendar for how many upper-level credits must be completed at UFV in order to graduate with this program.

Core lower-level requirements are covered in the [BBA section of the calendar](#).

### Upper-level requirements: 30 credits

| Course                  | Title                                                                                                            | Credits                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------|----------------------------------|
| <a href="#">BUS 304</a> | <a href="#">Organization Theory &amp; Applications</a>                                                           | <a href="#">3</a>                |
| BUS 305                 | Industrial Relations                                                                                             | 3                                |
| BUS 314                 | Recruitment and Selection                                                                                        | 3                                |
| BUS 406                 | Compensation and Benefits                                                                                        | 3                                |
| BUS 416                 | Training and Development                                                                                         | 3                                |
| BUS 418                 | Workplace Health and Safety                                                                                      | 3                                |
| Electives               | <del>Five</del> <a href="#">Four</a> upper-level Business (Human Resource Management) electives (see list below) | <del>15</del> <a href="#">12</a> |

**Program outline - Human Resource Management major****First year****Semester I**

| <b>Course</b>   | <b>Title</b>                               | <b>Credits</b> |
|-----------------|--------------------------------------------|----------------|
| BUS 100         | Introduction to Business                   | 3              |
| BUS 160/CIS 110 | Computerized Business Applications and MIS | 3              |
| ECON 100        | Principles of Microeconomics               | 3              |
| ENGL 105        | Academic Writing                           | 3              |
| MATH 141        | Calculus for Business                      | 3              |

**Semester II**

| <b>Course</b> | <b>Title</b>                                                     | <b>Credits</b> |
|---------------|------------------------------------------------------------------|----------------|
| BUS 120       | Essentials of Marketing                                          | 3              |
| BUS 143       | Introductory Financial Accounting I                              | 3              |
| CMNS 125      | Communicating Professionally to Academic and Workplace Audiences | 3              |
| ECON 101      | Principles of Macroeconomics                                     | 3              |
| STAT 106      | Statistics I                                                     | 4              |

**Second year****Semester III**

| <b>Course</b> | <b>Title</b>                                    | <b>Credits</b> |
|---------------|-------------------------------------------------|----------------|
| BUS 144       | Introductory Financial Accounting II            | 3              |
| BUS 203       | Organizational Behaviour                        | 3              |
| BUS 221       | Professional Selling                            | 3              |
| BUS 249       | Introduction to Finance (formerly BUS 149, 162) | 3              |
| CMNS 251      | Professional Report Writing                     | 3              |

**Semester IV**

| <b>Course</b>        | <b>Title</b>                                                 | <b>Credits</b> |
|----------------------|--------------------------------------------------------------|----------------|
| BUS 201              | Human Resource Management                                    | 3              |
| BUS 226/<br>ECON 226 | Economic and Business Statistics (formerly BUS 301/ECON 301) | 3              |

|         |                                    |   |
|---------|------------------------------------|---|
| BUS 227 | New Business Development           | 3 |
| BUS 247 | Introductory Management Accounting | 3 |
| BUS 261 | Business Law                       | 3 |

**Third year****Semester V**

| <b>Course</b>       | <b>Title</b>                                                               | <b>Credits</b> |
|---------------------|----------------------------------------------------------------------------|----------------|
| <u>BUS 304</u>      | <u>Organization Theory &amp; Applications</u>                              | <u>3</u>       |
| BUS 305             | Industrial Relations                                                       | 3              |
| BUS 314             | Recruitment and Selection                                                  | 3              |
| BUS 320             | Business Research Methods                                                  | 3              |
| <del>Elective</del> | <del>Upper-level Human Resource Management elective (see list below)</del> | <del>3</del>   |
| Elective            | General education requirement (see Note)                                   | 3              |

**Semester VI**

| <b>Course</b> | <b>Title</b>                                                    | <b>Credits</b> |
|---------------|-----------------------------------------------------------------|----------------|
| BUS 349       | Financial Management I                                          | 3              |
| BUS 416       | Training and Development                                        | 3              |
| ECON 307      | Managerial Microeconomics                                       | 3              |
| Elective      | Upper-level Human Resource Management elective (see list below) | 3              |
| Elective      | General education requirement (see Note)                        | 3              |

**Fourth year****Semester VII**

| <b>Course</b> | <b>Title</b>                                                    | <b>Credits</b> |
|---------------|-----------------------------------------------------------------|----------------|
| BUS 404       | Management Science                                              | 3              |
| BUS 406       | Compensation and Benefits                                       | 3              |
| Elective      | Upper-level Human Resource Management elective (see list below) | 3              |
| Elective      | Upper-level Human Resource Management elective (see list below) | 3              |
| Elective      | General education requirement (see Note)                        | 3              |

**Semester VIII**

| <b>Course</b> | <b>Title</b>         | <b>Credits</b> |
|---------------|----------------------|----------------|
| BUS 403       | Strategic Management | 3              |

|                                                                          |   |
|--------------------------------------------------------------------------|---|
| BUS 405 Strategic Management Simulation                                  | 3 |
| BUS 418 Workplace Health and Safety                                      | 3 |
| Elective Upper-level Human Resource Management elective (see list below) | 3 |
| Elective General education requirement (see Note)                        | 3 |

Note: Students in the BBA program must meet the following general education requirements: One natural science (lab) course, one humanities course, one social science course, and one other general education elective (any university-level course of three credits or more) other than business.

### **Human Resource Management electives**

~~Five~~Four upper-level business electives for the Human Resource Management major must be chosen from the following list.

| <b>Course</b>      | <b>Title</b>                                               | <b>Credits</b> |
|--------------------|------------------------------------------------------------|----------------|
| <del>BUS 304</del> | <del>Organization Theory and Design</del>                  | <del>3</del>   |
| BUS 307            | Selected Topics in Organizational Behaviour                | 3              |
| BUS 308            | Selected Topics in Organization Theory                     | 3              |
| BUS 309            | Selected Topics in Human Resource Management               | 3              |
| BUS 377            | Management of Cooperatives                                 | 3              |
| BUS 378            | Organizational Culture, Climate, and Change                | 3              |
| BUS 379            | Cross-Cultural Management                                  | 3              |
| BUS 400            | Business and Society                                       | 3              |
| BUS 407            | Gender and Diversity in Organizations                      | 3              |
| BUS 408            | Teamwork in Organizations                                  | 3              |
| BUS 417            | Performance Evaluation and Management (previously offered) | 3              |
| BUS 419            | Strategic Human Resource Planning (previously offered)     | 3              |
| BUS 423            | Services Marketing                                         | 3              |
| BUS 430            | Management of Innovation                                   | 3              |
| BUS 477            | Fair Trade and Ethical Consumption                         | 3              |
| BUS 478            | Work Spaces, Built Places                                  | 3              |
| BUS 492            | Directed Studies                                           | 3              |
| CMNS 345           | Instructional Skills for the Workplace                     | 4              |
| CMNS 445           | Facilitating Skills for the Workplace                      | 4              |

**Memo for Program Changes**

To: Undergraduate Education Committee

From: Dr. Kirsten Robertson, HRM/OS Area Chair, School of Business, and Dr. Frank Ulbrich, Director,  
School of Business

Date: January 30, 2018

**Subject: Program change: Organizational Studies (OS) Minor**

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: Clarifying program requirements for the Organizational Studies minor in order to allow students enrolled in other degrees/faculties to take the minor

2. Rationale for change(s):

The Organizational Studies (OS) minor in the Bachelor of Business Administration will be opened to students in other programs/faculties. The Faculty of Arts requires minors in Arts degrees to have a minimum of 24 credits; currently the OS minor has 15 upper-level credits. The proposed change will add BUS 100 (Introduction to Business), BUS 203 (Organizational Behaviour), and BUS 201 (Human Resource Management) to the minor as requirements for non-BBA students. These are core courses in the BBA program and are not currently listed in the calendar as part of the OS minor, as BBA students would be taking these courses already. BUS 100 and BUS 203 collectively satisfy the pre-requisites for BUS 304 (Organization Theory and Application), which is the required course in the OS minor. BUS 201 ensures students have foundational knowledge of human resources which is relevant to the electives in the OS minor.

In addition, we have proposed changes to the upper-level electives that may satisfy the program requirements. Since the OS minor was created, faculty in the School of Business have developed additional specialized OS courses that had not yet been included in the list of courses that could be used to satisfy the upper-level requirements. These two courses (BUS 378, BUS 379) better meet the goals of the minor than two courses that had previously been included (BUS 327, CRIM 417) and so we propose using them as replacements.

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

No change.

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

All of the courses that make up the OS minor include consideration for Indigenization. The curriculum for these courses is not changing.

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

Depending on the demand for the OS minor for non-BBA students, it may be necessary at some point in the future to add seats or sections to offerings of the courses that are required as part of the minor. However, this decision will be made based on the number of non-BBA students enrolling in the OS minor.

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

In terms of opening up the minor to non-BBA students, there will be no impact on students currently enrolled in the OS minor because these students are all BBA students, who would not be affected by the change. The intent of the change is to increase enrolment in the OS minor by making it accessible to students outside the BBA program. The requirements for residence and continuance are consistent with those already in place for BBA students.

In terms of changing the courses that can be used to satisfy the upper-level elective requirement, this change will have relatively low impact on students as the newly introduced courses will be offered at least once annually. CRIM 417 has not been offered since 2012 and so no current students would have planned to take this course as part of their programs.

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?

There is no change in the number of required credits for BBA students. Non-BBA students will be required to take three additional courses for a total of 9 additional credits, but non-BBA students would be required to take these three courses regardless, in order to satisfy the pre-requisite for the core course in the OS minor. The proposed change clarifies the calendar copy to indicate explicitly that non-BBA students will be required to take these three courses.

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.)

At the moment no resources are required to accommodate the change.

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, CRIM 417 has been removed as an upper-level elective. Since this course has not been offered since 2012, it will not have any budgetary implications for the College of Arts. A confirmatory memo from the dean is attached.

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.

A confirmatory memo from the dean is attached.



**Office of Dean, Tracy Ryder Glass**  
**Faculty of Professional Studies**  
**Phone: 604-851-6341**  
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## **Memo**

**To: Senate Budget Committee**

**From: Tracy Ryder Glass, Dean – Faculty of Professional Studies**

**Re: Proposed changes to the Organizational Studies minor (BBA)**

**Date: February 14, 2018**

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The School of Business proposes to open the Organizational Studies minor to non-Bachelor of Business Administration (BBA) students. In doing so, three courses will be added (BUS 100 Introduction to Business, BUS 203 Organizational Behaviour, and BUS 201 Human Resource Management) to the minor as requirements for non-BBA students. As these three courses are core courses to the BBA, they are not listed in the calendar as part of the Organizational Studies minor. Adding them will allow non-BBA students to enrol in them as per the Organizational Studies minor.

In addition, the School of Business proposes to replace two existing courses in the Organizational Studies minor (BUS 327 Consumer Behaviour and CRIM 417 Leadership in Groups and Organizations) with two specialized courses (BUS 378 Organizational Culture, Climate and Change and BUS 379 Cross-Cultural Management) to better meet the goals of the minor.

Budgetary implications of the proposed changes have been considered and are addressed in the School of Business, and the Faculty of Professional Studies budgets.

A handwritten signature in black ink, appearing to read "Tracy Ryder Glass".

## Organizational Studies minor

This section specifies only the requirements for the Organizational Studies minor, which may be completed within the [BBA degree](#), or within other degree programs in which case students should check their program information in the calendar to ensure the Organizational Studies minor is an option that have approved the minor as meeting their program requirements.

[BBA degree](#) ~~Degree~~ students must ensure that all other degree requirements have been met, including the requirements for declaring a minor. ~~For BBA degree~~ students who are planning on completing this minor within their degree program, ~~should please~~ check the [BBA residency](#) section of the calendar for the number of how many upper-level credits that must be completed at UFV in order to graduate with this ~~-degree~~ program.

Students in degree programs other than the BBA must be in good academic standing and receive approval from the School of Business in order to declare this minor.

The Organizational Studies minor may not be combined with a Human Resource Management (HRM) major within the BBA degree program, unless four additional upper-level elective courses (see list of upper-level electives below) ~~courses~~ are taken which are not ~~which are not being used toward meeting included in the requirements of the HRM major.~~

### Residency

At least 50% of the minor courses must be completed at UFV.

Approved upper-level ~~OS~~ Organizational Studies minor courses taken at a Study Abroad partner may be used to meet residency requirements. See Study Abroad webpage: <http://blogs.ufv.ca/studyabroad/>

### Graduation requirements

For non-BBA students, an accumulated GPA of 2.67 or above in the courses applying to the Organizational Studies minor. ~~Non-BBA students need an average GPA of at least 2.67 based on all required courses in the OS Minor.~~

### Lower-level requirements: 9 credits

| <u>Course</u> | <u>Title</u>              | <u>Credits</u> |
|---------------|---------------------------|----------------|
| BUS 100       | Introduction to Business  | 3              |
| BUS 203       | Organizational Behaviour  | 3              |
| BUS 201       | Human Resource Management | 3              |

(NOTE: These three courses are core courses in the BBA degree program, so BBA students will complete these courses as part of their BBA program requirements.)

Core lower level requirements are covered in the ~~BBA~~ section of the calendar.

**Upper-level requirements: 15 credits**

| Course    | Title                                                                                                                                                                                                                                                     | Credits |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| BUS 304   | Organization Theory and Application                                                                                                                                                                                                                       | 3       |
| Electives | Four upper-level Business electives from the following: BUS 307, BUS 308, BUS 309, <del>BUS 327</del> , BUS 377, <del>BUS 378</del> , <del>BUS 379</del> , BUS 407, BUS 408, BUS 478, <u>Organizational Studies topic in</u> BUS 492, <del>CRIM 417</del> | 12      |

**Course listings**

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

**Memo for Course Changes**

To: College of Arts Curriculum Committee / UEC

From: Michael Maschek, Department Head, Economics

Date: January 26, 2018

**Subject: Proposal for revision of ECON 100, 101, 207, 215, 307, 341, 352, 360, 361, 365, 388, 397, 398, 410, 490**

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:

All courses offered by the Department of Economics are due, or overdue, for their six-year review. The attached course outlines have been reviewed by the Economics Department Curriculum Committee and feedback has been incorporated from instructors not also members of this committee. Generally, this review was conducted with the following rationale:

[1] Streamline pre-requisites and eliminate unnecessary prerequisites in order to facilitate increased cross-disciplinary programming potential.

[2] These courses were last reviewed prior to the approval of the BA Major in Economics; adjust course frequencies in order to align with programming requirements associated with the major.

[3] Update the list of textbooks in order to maintain alignment with standards in other economics programs and maintain transferability.

[4] Refresh course calendar descriptions and satisfy newly established word-limits. Update learning outcomes and typical course content to align with standardized textbooks in the discipline and keep particular examples and issues up-to-date.

[5] Where course content/coverage permits, explicitly include changes that indigenize the curriculum. This is a work in progress for the Department of Economics, and continued development of Indigenous economic curriculum is an ongoing effort.

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

No substantial changes to the learning outcomes are introduced as part of these course revisions.
4. Is this course required by any program beyond the discipline? If so, how will this change affect that program or programs?  

ECON 100, 101, 307, 398, and 410 are part of the program requirements for various programs in the School of Business in the Faculty of Professional Studies and the Global Development Studies major in the College of Arts. No changes made as part of these revisions affect the requirement of these courses in the programs noted.
5. Which program areas have been consulted about the change(s)?  

These revisions do not significantly alter the learning outcomes or delivery methods of courses required in other programs. No revisions contain the addition of additional prerequisites and courses required in other programs have not had their frequency altered. As a result, consultation was not necessary.
6. What consideration has been given to indigenizing the curriculum?  

ECON 215, *Canadian Economic Issues*, has had Indigenous community issues added to the calendar description as an additional focal point for economic policy evaluation. In order to facilitate these considerations, the addition of an open source textbook provided by the Tulo Centre of Indigenous Economics has been included to the revision of "Typical Text(s) and Resource Materials". The list of "Typical Course Content and Topics" has been adjusted to include this addition.

ECON 361, *Environmental Economics*: "Environmental Policy and the Economic Impact on Indigenous Communities" has been added as a course topic to the revised outline.

ECON 388, *Law and Economics*, has included the following additional learning outcome: (Inter alia) in the study of property rights, students will come to understand what "unceded territories" means in the context of the rights of Indigenous people of Canada.

ECON 398, *Economics of Development*, includes a learning outcome pertaining to the impact of policy on poverty alleviation and economic development of communities within Canada, including Indigenous communities.
7. If this course is not eligible for PLAR, explain why:  

All courses are eligible for PLAR with the exception of ECON 490, *Directed Studies in Economics*. This course is based on new research conducted by the student through participating in the course and collaborating with the coordinating faculty member. Prior work cannot be used as a replacement.
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

Changes to frequency only reflect the timing of elective courses required in order to provide sufficient diversity in offerings in order to allow breadth requirements be satisfied by students in a four-year major program. They do not influence the total number of sections offered by the department and, therefore, do not have budget implications.

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:

Other than textbooks standard to particular courses, no other resources are required that are not currently offered by the UFV Library (such as journal articles, data sets, and other reference materials). Textbook prices range from \$60 to \$240, depending on the course and level.

| ITEM                                            | CWC / UEC Prescreen Comment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Response                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Program Change<br>[ECON 203<br>Discontinuation] | <p>In future, the course change memo template can be used for course discontinuations.</p> <p>This course is included as an optional course in the <b>Associate of Arts degree – International Development studies option</b>, and should be formally removed from that program through the approval process. (It can be listed as “formerly offered” in the meantime.)</p>                                                                                                                                                                                          | <p>Noted.</p> <p>Stephen Piper (SCMS, Global Development Studies Chair) has been notified of the change.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Course Review<br>(General)                      | <p>The phrase “formal analytic analysis” is used in the instructional methods section of a number of courses. What does this mean? Should this be revised?</p> <p>ECON 101 is being removed from the prerequisites for a number of courses. Has the department considered whether one of ECON 100 or 101 could also be dropped from the prerequisites for all applicable courses (ECON 215, 341, 352, 397, 410, 490)?</p> <p>Frequency of course offerings: suggest replacing “biennial” with “every other year” for consistency with other UFV course outlines.</p> | <p>Forms of “analysis” in economics include (though are not limited to) analytic, simulation, and experimental. The term “analytic analysis” is utilized to describe the solving of problems using models based on algebraic equations. This is distinct from simulation-based analysis; for example: Monte Carlo simulation of a model.</p> <p>In short, yes. All prerequisites have been considered in terms of their requirement for each courses’ curriculum being reviewed. ECON 100 / 101 remain important prerequisites for the courses listed.</p> <p>Noted. The change has been made.</p> |
|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

|                             |                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ECON 100<br>[Minor Changes] | The structure of hours section should not include a range of hours. This needs to be revised.                                                                                                         | This has not changed from previous versions of the outline and I welcome suggestions from the UEC. The course is offered two ways: [1] a standard three hour lecture once a week, or [2] two lectures a week, each 1.5 hours, and a “lab” of 40 minutes. If the committee would prefer the outline simply refer to the more standard structure, that would be no problem. The range was probably an attempt to capture this variance in structure. |
| ECON 101<br>[Minor Changes] | The structure of hours section should not include a range of hours. This needs to be revised.                                                                                                         | See above (ECON 100).                                                                                                                                                                                                                                                                                                                                                                                                                              |
| ECON 207                    | No Comments.                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| ECON 215                    | <p>Calendar description: suggest changing the “or” in the first sentence back to “and”.</p> <p>Most learning outcomes do not refer to Canada or Indigenous Peoples; these may need to be revised.</p> | <p>This change has been made.</p> <p>All learning outcomes relate to the “economic issues” noted in the first outcome. We have added “facing Canada or its Indigenous Peoples” to indicate all learning outcomes relate to these stakeholders.</p>                                                                                                                                                                                                 |
| ECON 307                    | The second (deleted) sentence in the calendar description seems useful; suggest retaining at least part of this sentence.                                                                             | Agreed. The sentence was removed in order to accommodate constraints on word count for the calendar description. It has been put back into the calendar description, assuming some flexibility on this constraint.                                                                                                                                                                                                                                 |

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|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                             | Game theory has been removed from the calendar description, but not from the learning outcomes; please confirm that this is correct.                                                                                                                                                           | With the inclusion of the deleted sentence, this is no longer an issue.                                                                                                                                                                             |
| ECON 341<br>[Minor Changes] | No comments other than prerequisites (above)                                                                                                                                                                                                                                                   | See above.                                                                                                                                                                                                                                          |
| ECON 352<br>[Minor Changes] | This does not appear to be a special topics course, although the “yes” box has been checked. Please confirm.<br><br>See prerequisite comment above.                                                                                                                                            | Indeed, the course is not a special topics course. The change has been made to the check box.<br><br>See above.                                                                                                                                     |
| ECON 360                    | No comments.                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                     |
| ECON 361 /<br>GEOG 361      | Learning outcome #4: suggest changing “benefit-cost analysis” to “cost-benefit analysis”.                                                                                                                                                                                                      | This suggested change has been made.                                                                                                                                                                                                                |
| ECON 365                    | Calendar description: suggest revising the first sentence to “...economic and financial aspects of markets, policies, and planning for passenger and freight transportation.”                                                                                                                  | Agreed. This suggested change has been made.                                                                                                                                                                                                        |
| ECON 388                    | Prerequisites include CRIM 220 (Research Methods in Criminology); should this be CRIM 230 (Criminal Law)?<br><br>Last learning outcome requires revision. Suggest deleting everything prior to “define”.<br><br>There appears to be a more recent (2014) edition of the Posner text available. | This makes sense and probably the result of a typo in a previous revision that went undetected. The change to CRIM 230 has been made.<br><br>This suggested change has been made.<br><br>The textbook edition and year published have been updated. |

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| ECON 397<br>[Minor Changes] | <p>See prerequisite comment above.</p> <p>Health care has been added to learning outcomes, texts, and course content, but has not been included in the calendar description. Please confirm that this has been included on the right outline? How does this differ from the information in the proposed new course, ECON 375?</p> <p>There appears to be a more recent (2014) edition of the Brander text available.</p> | <p>See above.</p> <p>This is correct. “Regulation” and “provision” in the health care industry are distinct considerations in economics. This course deals with “regulation” of private provision. ECON 375 has some overlap in this respect but develops in more depth these considerations and contrasts the approach with public / government “provision”. Example: across three levels of Canadian government there isn’t production of drugs; it does legislate these markets (regulation) [ECON 397]. Other forms of health care are directly produced by the government instead of regulated private provision [ECON 375].</p> <p>The textbook edition and year published have been updated.</p> |
| ECON 398<br>[Minor Changes] | <p>Calendar description: suggest changing “underdeveloped” to “developing”.</p> <p>Learning outcome #4: suggest changing “poor” to “developing”. Also, inclusion of Indigenous communities here may be insensitive.</p>                                                                                                                                                                                                  | <p>This suggested change has been made.</p> <p>The suggested change from “poor” to “developing” has been made. The inclusion of Indigenous communities was only intended to highlight significant potential in capital and infrastructure contributions towards improved economic outcomes. The reference has been removed.</p>                                                                                                                                                                                                                                                                                                                                                                         |
|                             |                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

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| ECON 410<br>[Minor Changes] | No comments other than prerequisites (above).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | See above.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| ECON 490                    | <p>Calendar description: suggest changing “prior approval for admission is required” to “approval is required prior to registration”.</p> <p>Prerequisites: as ECON 307 requires ECON 100, could this be removed from the prerequisites? Is “Department Head/Dean’s approval” intended to mean that both approvals are required, or only one?</p> <p>Directed Studies courses are distinct from special topics courses; special topics section should be changed to “no”.</p> <p>Would the department like to include a sample topic on the outline as information for students?</p> <p>UEC may require more learning outcomes. Also, a research paper is more a method than an outcome. UEC may require revisions.</p> | <p>This suggested change has been made.</p> <p>Agreed. ECON 100 has been removed as a redundant prerequisite. Yes, both DH and Dean’s Office approval has been required up to this point. We have changed the “/” to “and” to make that clear.</p> <p>This suggested change has been made.</p> <p>To date, faculty in the department have not encountered any issues with the absence of an example and would like to avoid the potential limits associated with their presence.</p> <p>This is meant to be a straightforward course permitting one-on-one interaction between faculty members and students for the purpose of applied / experiential research. We welcome any suggestions pertaining to learning outcomes that better encapsulate this notion.</p> |
| ECON 285<br>[New Course]    | Response to memo question #5 is insufficient. Suggest consultation with <b>Kinesiology</b> .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | No feedback resulted from CWC. Noted through consultation with Kinesiology regarding ECON 375 (see below), it is hoped that recent                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

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|                          | <p>Calendar description: suggest changing “through analysis of the professional sports industry” to “in the professional sports industry”.</p> <p>Should this course be submitted for transfer credit?</p> <p>Frequency of course offerings: suggest replacing “biennial” with “every other year”.</p> <p>Learning outcome #2: suggest changing “the manners in which” to “how”.</p> <p>Learning outcome #3: suggest changing “theoretical understanding” to “theories”.</p> | <p>program changes will allow students in that program to take non-Kinesiology electives from any program. The course may be of interest to students in Kinesiology programs but its methodology is quite distinct from that contained in their program. Nonetheless, we have attempted to minimize barriers created through prerequisites as much as possible.</p> <p>This suggested change has been made.</p> <p>Yes. The appropriate check box now indicates the outline should be considered for articulation.</p> <p>This suggested change has been made.</p> <p>This suggested change has been made.</p> <p>This suggested change has been made.</p> |
| ECON 342<br>[New Course] | The memo only mentions how this course connects to ECON 341; how is this course different from ECON 410?                                                                                                                                                                                                                                                                                                                                                                     | ECON 341 focuses on the determination of international capital flows and determination of exchange rates taking factors such as domestic monetary policy as given (exogenous). In ECON 410, the impact domestic monetary policy has on macroeconomic conditions is a key consideration and the explanatory variables                                                                                                                                                                                                                                                                                                                                       |

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
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|                          | <p>Prerequisites: are both ECON 100 and ECON 101 necessary?</p> <p>Should this course be submitted for transfer credit?</p> <p>Learning outcome #2: suggest revising to “Explain the relationship between interest rates, prices, and exchange rates using open-economy models.”</p> <p>Learning outcome #6: “understand” should be replaced with a more measurable verb, such as “explain” or “describe”.</p> | <p>considered are more typical of a standard course in macroeconomics and the determination of facets of monetary policy is considered endogenous.</p> <p>Yes. Consideration of these models requires understanding of core theories considered in both ECON 100 and 101.</p> <p>Yes. The appropriate check box now indicates the outline should be considered for articulation.</p> <p>This suggested change has been made.</p> <p>This suggested change has been made.</p> |
| ECON 375<br>[New Course] | <p>Response to memo question #5 is insufficient. Suggest consultation with <b>Nursing</b>.</p> <p>Calendar description: suggest revising to “Introduces the economics of health and health care and surveys major topics in health economics...”</p>                                                                                                                                                           | <p>Consultation with Kinesiology took place last January, 2017. Consultation with Nursing was not pursued, directly, as there is no space in the program for such electives. In any case, no feedback was received from CWC.</p> <p>We are open to including the suggestion, but are unsure what is implied following the “ ...” as the sentence being replaced by this suggestion ends at that point.</p>                                                                   |

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                  | <p>Prerequisites: should this include 45 credits, or is it acceptable for students to take this course as early as their second semester?</p> <p>Should this course be submitted for transfer credit?</p>                                                                                                                                                                                                                                                                                                                                   | <p>Yes. Agreed. This suggested change has been made.</p> <p>Yes. The appropriate check box now indicates the outline should be considered for articulation.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <p>ECON 395<br/>[New Course]</p> | <p>Response to memo question #5 is insufficient. Suggest consultation with <b>Psychology</b>.</p> <p>Calendar description: suggest changing “identify” to “distinguish”.</p> <p>Prerequisites seem particularly restrictive, and may unnecessarily limit the pool of eligible students. Could this be changed to either “ECON 307” or “45 university-level credits including one of ECON 100 or ECON 101” (or possibly including one of PSYC 101 or 102 as an alternative)?</p> <p>Should this course be submitted for transfer credit?</p> | <p>The motivation for the course resulted from discussion with former Department Head of Psychology, Sven Van de Wetering. Potential guest lectures and/or cross teaching is being considered. No feedback was received from CWC.</p> <p>This suggested change has been made.</p> <p>The course requires knowledge of both game theory and core methodology at the intermediate level. Depending on their quantitative background, students without 307 may be able to succeed in the course. Would adding “or instructor permission” accommodate this suggestion? The department is working to eliminate prerequisites where possible, but prior to gaining experience with students by offering the class, it is difficult to gauge what non-econ prerequisites would suffice. Can this question be revisited prior to a 6-year review?</p> <p>Yes. The appropriate check box now indicates the outline should be considered for articulation</p> |

|  |                                                   |                                      |
|--|---------------------------------------------------|--------------------------------------|
|  | Course content section has been over-capitalized. | This suggested change has been made. |
|--|---------------------------------------------------|--------------------------------------|



**ORIGINAL COURSE IMPLEMENTATION DATE:** September 2012  
**REVISED COURSE IMPLEMENTATION DATE:** January 2019  
**COURSE TO BE REVIEWED** (six years after UEC approval): May 2024  
**Course outline form version:** 10/27/2017

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

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

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
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| <b>Course Code and Number:</b> ECON 207                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                         |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Course Full Title:</b> Introduction to Game Theory and Strategic Thinking<br><b>Course Short Title:</b> Game Theory<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> Economics                                                                                                                                                                                                                                                                                                                                                                                     |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Calendar Description:</b><br>The methodology and analytical tools used to study decision making in situations characterized by strategic interaction are considered in this course. To help translate theory into practice, students participate in in-class teaching games.                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | ECON 100.                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <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><br>This course is offered with different topics:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(Double-click on box to select it as checked.)</i><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>(The specific topic will be recorded when offered.)</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;">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>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 revised outline for rearticulation:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, fill in transfer credit form.)</i> |  |
| 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>Grading System</b><br><input checked="" type="checkbox"/> Letter Grades <input type="checkbox"/> Credit/No Credit                                                                                                                                                                                                                                                                                                                           |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Department / Program Head or Director:</b> Michael K. Maschek, Ph.D.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           | <b>Date approved:</b> January 2018                                                                                                                                                                                                                                                                                                                                                                                                             |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | <b>Date approved:</b> February 2018                                                                                                                                                                                                                                                                                                                                                                                                            |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Dean/Associate VP:</b> Jacqueline Nolte                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           | <b>Date approved:</b> February 2018                                                                                                                                                                                                                                                                                                                                                                                                            |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | <b>Date of posting:</b> April 13, 2018                                                                                                                                                                                                                                                                                                                                                                                                         |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           | <b>Date of meeting:</b> May 18, 2018                                                                                                                                                                                                                                                                                                                                                                                                           |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |

**Learning Outcomes:**

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

- Classify games in terms of their key characteristics and constraints.
- Illustrate simultaneous move games using the normal form representation.
- Illustrate sequential move games using the extensive form representation.
- Use various equilibria concepts, such as Nash equilibrium and sub-game perfect Nash equilibrium, to solve simultaneous and sequential move games in pure strategies.
- Use the concept of mixed-strategy Nash equilibria to solve games of complete information.
- Detail how trigger-strategies can support superior outcomes in repeated, simultaneous move games.
- Model and solve games of incomplete information.

**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/seminar format with in-class participation in teaching games, problem-solving and discussion.

**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. Osborne                 | An Introduction to Game Theory             | <input checked="" type="checkbox"/> | Oxford                     | 2009 |
| 2. Gibbons                 | Game Theory for Applied Economists         | <input checked="" type="checkbox"/> | Princeton University Press | 1992 |
| 3. Dixit/ Skeath/ Reily    | Games of Strategy, 4 <sup>th</sup> Edition | <input checked="" type="checkbox"/> | Norton                     | 2015 |
| 4. Tadelis                 | Game Theory: An Introduction               | <input checked="" type="checkbox"/> | Princeton University Press | 2013 |
| 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:  | 20% | Project:     | 20% | Practicum:        | % | Other:     | %    |
| Quizzes/tests: | 10% | Lab work:    | %   | Shop work:        | % | Total:     | 100% |

**Details (if necessary):**

**Typical Course Content and Topics**

What is game theory?  
 Basic theory: normal-form representation of games  
 Dominant strategies and dominant strategy equilibria  
 Iterated elimination of strictly/weakly dominated strategies  
 Motivation and definition of Nash equilibrium  
 Mixed strategies  
 Existence of Nash equilibrium  
 Infinitely repeated simultaneous move games and trigger strategies  
 Basic theory: extensive-form representation of sequential games  
 Backward induction and sub-game perfect Nash equilibrium  
 Sequential games of complete but imperfect information  
 Static games of incomplete information: normal form representation of Bayesian games  
 Definition of Bayesian equilibrium



**ORIGINAL COURSE IMPLEMENTATION DATE:** September 2000  
**REVISED COURSE IMPLEMENTATION DATE:** January 2019  
**COURSE TO BE REVIEWED** (six years after UEC approval): January 2025  
**Course outline form version:** 10/27/2017

## 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> ECON 215                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                              |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Course Full Title:</b> Canadian Economic Issues<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 Social Sciences                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | <b>Department (or program if no department):</b> Economics                                                                                                                                                                                                                                                                                                                                                                          |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Calendar Description:</b><br>Economic models and methodology are applied to major issues facing Canada, its Indigenous communities, and its relationship with significant trading partners. Students engage in discussion and formal analysis of various economic policy issues related to the challenges examined.                                                                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | ECON 100 and ECON 101                                                                                                                                                                                                                                                                                                                                                                                                               |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <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><br>This course is offered with different topics:<br><input type="checkbox"/> No <input type="checkbox"/> Yes <i>(Double-click on box to select it as checked.)</i><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>(The specific 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;">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>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 revised outline for rearticulation:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, fill in transfer credit form.)</i> |  |
| 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>Grading System</b><br><input checked="" type="checkbox"/> Letter Grades <input type="checkbox"/> Credit/No Credit                                                                                                                                                                                                                                                                                                                |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Department / Program Head or Director:</b> Michael K. Maschek, Ph.D.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Date approved:</b> January 2018                                                                                                                                                                                                                                                                                                                                                                                                  |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Date approved:</b> February 2018                                                                                                                                                                                                                                                                                                                                                                                                 |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Dean/Associate VP:</b> Jacqueline Nolte                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | <b>Date approved:</b> February 2018                                                                                                                                                                                                                                                                                                                                                                                                 |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | <b>Date of posting:</b> April 13, 2018                                                                                                                                                                                                                                                                                                                                                                                              |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Date of meeting:</b> May 18, 2018                                                                                                                                                                                                                                                                                                                                                                                                |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |

**Learning Outcomes:**

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

- Identify current economic issues facing Canada or its Indigenous Peoples;
- Describe the economic environment within which individuals, businesses and governments operate as they relate to these issues;
- Implement economic tools and models to evaluate policies relating to these issues designed to allocate scarce resources, develop human and physical capital, re-distribute output, and enhance Canadian competitiveness in the global economy.

**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 will develop theories and apply them to problems in the subject. There will be extensive use of graphing and problem solving. Both formal analytic analysis and the economic intuition that underlies it will be used.

**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. | Rosen/ Gayer/ Wen/ Snoddon          | Public Finance in Canada, 5 <sup>th</sup> Edition      | <input checked="" type="checkbox"/> | McGraw-Hill      | 2016 |
| 2. | Tulo Centre of Indigenous Economics | Building a Competitive First Nation Investment Climate | <input checked="" type="checkbox"/> | Creative Commons | 2014 |
| 3. | Luciani                             | Economic Myths: Making Sense of Canadian Policy Issues | <input checked="" type="checkbox"/> |                  | 2003 |
| 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:  | 20% | Project:     | %   | Practicum:        | % | Participation: | 10%  |
| Quizzes/tests: | 20% | Lab work:    | %   | Shop work:        | % | Total:         | 100% |

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

- Public goods
- Externalities
- Income redistribution
- Taxation and income distribution
- Taxation and efficiency/equity
- Public choice
- Fiscal federalism
- Health care
- Employment insurance
- Public pensions
- Social welfare programs
- Education
- Environment and resource policy
- International trade policy and theory
- Challenges facing competitive first nations investment and economic development
- Elements of a competitive First Nations investment climate: fiscal framework
- Elements of a competitive First Nations investment climate: building infrastructure
- Elements of a competitive First Nations investment climate: administration framework



**ORIGINAL COURSE IMPLEMENTATION DATE:** April 1992  
**REVISED COURSE IMPLEMENTATION DATE:** January 2019  
**COURSE TO BE REVIEWED** (six years after UEC approval): May 2024  
**Course outline form version:** 10/27/2017

## 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> ECON 307                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                         |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Course Full Title:</b> Managerial Economics<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 Social Sciences                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           | <b>Department (or program if no department):</b> Economics                                                                                                                                                                                                                                                                                                                                                                                     |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Calendar Description:</b><br>Develops intermediate principles of microeconomic analysis with an emphasis on the application of analytical techniques to economic and business problems. Concentrates on consumer demand, comparative static analysis, determinants of costs and production, the organization and coordination of firms, market structure, pricing strategies, game theory, and strategic interaction.                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | 45 university-level credits, including ECON 100, and one of MATH 111 or MATH 141.                                                                                                                                                                                                                                                                                                                                                              |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <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><br>This course is offered with different topics:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(Double-click on box to select it as checked.)</i><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>(The specific topic will be recorded when offered.)</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;">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>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 revised outline for rearticulation:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, fill in transfer credit form.)</i> |  |
| 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>Grading System</b><br><input checked="" type="checkbox"/> Letter Grades <input type="checkbox"/> Credit/No Credit                                                                                                                                                                                                                                                                                                                           |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Expected Frequency of Course Offerings:</b><br>Every semester<br><i>(Every semester, Fall only, annually, every other Fall, etc.)</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Department / Program Head or Director:</b> Michael K. Maschek, Ph.D.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           | <b>Date approved:</b> January 2018                                                                                                                                                                                                                                                                                                                                                                                                             |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | <b>Date approved:</b> February 2018                                                                                                                                                                                                                                                                                                                                                                                                            |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Dean/Associate VP:</b> Jacqueline Nolte                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           | <b>Date approved:</b> February 2018                                                                                                                                                                                                                                                                                                                                                                                                            |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | <b>Date of posting:</b> April 13, 2018                                                                                                                                                                                                                                                                                                                                                                                                         |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           | <b>Date of meeting:</b> May 18, 2018                                                                                                                                                                                                                                                                                                                                                                                                           |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |

**Learning Outcomes:**

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

- Describe models of consumer choice under certainty and uncertainty;
- Analyze costs of production and supply;
- Identify and categorize markets by their structure;
- Determine appropriate pricing and output strategies for various market structures;
- Use game theory to solve problems concerning the strategic interaction of firms;
- Discuss the role of information in markets;
- Apply economic analysis to problems in business.

**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 will develop theories and apply them to problems in economics and business. There will be extensive use of graphing and problem solving. Both formal analytic analysis and the economic intuition that underlies it are used.

**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. Baye                    | Managerial Economics and Business Strategy, 8 <sup>th</sup> Edition | <input checked="" type="checkbox"/> | McGraw-Hill | 2017 |
| 2. Perloff/ Brander        | Managerial Economics and Strategy, 2 <sup>nd</sup> Edition          | <input checked="" type="checkbox"/> | Pearson     | 2017 |
| 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:  | 20% | Project:     | 20% | Practicum:        | % | Participation: | 10%  |
| Quizzes/tests: | %   | Lab work:    | %   | Shop work:        | % | Total:         | 100% |

**Details (if necessary):**

**Typical Course Content and Topics**

The theory of individual consumer behaviour

Applications of indifference curve analysis

The relationship between indifference curve analysis, demand curves, and elasticity

Production and costs

Introduction to market structures

Perfect competition

Monopoly

Pricing with market power

Bertrand competition, capacity constrained competition, and Cournot competition

Product differentiation and advertising

Introduction to game theory

Repeated games

Collusion

Multistage games

The role of information and informational problems in markets

Externalities and public goods



**ORIGINAL COURSE IMPLEMENTATION DATE:** January 2013  
**REVISED COURSE IMPLEMENTATION DATE:** January 2019  
**COURSE TO BE REVIEWED** (six years after UEC approval): May 2024  
**Course outline form version:** 10/27/2017

## 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> ECON 360                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                         |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Course Full Title:</b> Labour Economics<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 Social Sciences                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | <b>Department (or program if no department):</b> Economics                                                                                                                                                                                                                                                                                                                                                                                     |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Calendar Description:</b><br>Develops models of labour economics and considers their application to the Canadian economy with an emphasis on the interaction between economic theory and empirical evidence.                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | ECON 100, and one of STAT 104 or STAT 106.                                                                                                                                                                                                                                                                                                                                                                                                     |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <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><br>This course is offered with different topics:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(Double-click on box to select it as checked.)</i><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>(The specific 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;">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>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 revised outline for rearticulation:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, fill in transfer credit form.)</i> |  |
| 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>Grading System</b><br><input checked="" type="checkbox"/> Letter Grades <input type="checkbox"/> Credit/No Credit                                                                                                                                                                                                                                                                                                                           |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Department / Program Head or Director:</b> Michael K. Maschek, Ph.D.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Date approved:</b> January 2018                                                                                                                                                                                                                                                                                                                                                                                                             |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Date approved:</b> February 2018                                                                                                                                                                                                                                                                                                                                                                                                            |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Dean/Associate VP:</b> Jacqueline Nolte                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | <b>Date approved:</b> February 2018                                                                                                                                                                                                                                                                                                                                                                                                            |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | <b>Date of posting:</b> April 13, 2018                                                                                                                                                                                                                                                                                                                                                                                                         |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Date of meeting:</b> May 18, 2018                                                                                                                                                                                                                                                                                                                                                                                                           |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |

ECON 360

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 basic mechanisms of the labour market such as labour supply and demand, search, and bargaining.
- Explain why differences in unemployment, wage and productivity may arise as equilibrium phenomena.
- Contrast different models of education including the human capital and signaling models.
- Solve labour market models to generate testable hypotheses.
- Use spreadsheet software to conduct hypothesis testing and organize and present data.

## 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, problem-solving, and case analysis.

**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. | Benjamin, Gunderson, Lemieux, and Ridell | Labour Market Economics: Theory, Evidence and Policy in Canada, 8 <sup>th</sup> Edition | <input checked="" type="checkbox"/> | McGraw-Hill | 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.*)

Use this section for supplies and materials for all sections of this course.

## Typical Evaluation Methods and Weighting

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

**Details (if necessary):**

## Typical Course Content and Topics

Introduction to labour economics  
 Labour supply: the decision to work  
 Labour supply: household production  
 Labour demand  
 Labour demand elasticities  
 Frictions in the labour market  
 Human capital and signaling models  
 Wage differentials  
 Worker mobility, migration, immigration, and turnover  
 The role of unions and collective bargaining  
 Unemployment  
 Inequality in earnings  
 The effects of international trade on labour markets



**ORIGINAL COURSE IMPLEMENTATION DATE:** April 1992  
**REVISED COURSE IMPLEMENTATION DATE:** January 2019  
**COURSE TO BE REVIEWED** (six years after UEC approval): May 2024  
**Course outline form version:** 10/27/2017

## 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> ECON 361                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                         |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Course Full Title:</b> Environmental Economics<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 Social Sciences                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | <b>Department (or program if no department):</b> Economics                                                                                                                                                                                                                                                                                                                                                                                     |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Calendar Description:</b><br>Explores the relationship between economic activity, government regulation, and environmental outcomes. Students will study the economic framework used to estimate the costs and benefits of environmental regulations in order to evaluate various applied policy questions.<br><br>Note: This course is offered as ECON 361 and GEOG 361. Students may take only one of these for credit.                                                                                                                                                                                                                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | 45 university-level credits, including ECON 100.                                                                                                                                                                                                                                                                                                                                                                                               |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <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: <b>GEOG 361</b><br>Dual-listed with:<br>Equivalent course(s): <b>GEOG 361</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><br>This course is offered with different topics:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(Double-click on box to select it as checked.)</i><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>(The specific 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;">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>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 revised outline for rearticulation:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, fill in transfer credit form.)</i> |  |
| 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>Grading System</b><br><input checked="" type="checkbox"/> Letter Grades <input type="checkbox"/> Credit/No Credit                                                                                                                                                                                                                                                                                                                           |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Department / Program Head or Director:</b> Michael K. Maschek                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Date approved:</b> January 2018                                                                                                                                                                                                                                                                                                                                                                                                             |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Date approved:</b> February 2018                                                                                                                                                                                                                                                                                                                                                                                                            |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Dean/Associate VP:</b> Jacqueline Nolte                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | <b>Date approved:</b> February 2018                                                                                                                                                                                                                                                                                                                                                                                                            |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | <b>Date of posting:</b> April 13, 2018                                                                                                                                                                                                                                                                                                                                                                                                         |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Date of meeting:</b> May 18, 2018                                                                                                                                                                                                                                                                                                                                                                                                           |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |

**Learning Outcomes:**

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

- Use economic models to explain different patterns of growth and environmental change.
- Select and adapt economic models to address key issues in environmental economics and policy.
- Assess the effectiveness of various economic concepts and models in evaluating different environmental issues.
- Compare and contrast concepts such as cost-benefit analysis, cost-effectiveness analysis, and environment impact analysis.
- Evaluate some of the measurement issues which arise in environmental policy.

**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 will develop theories and apply them to problems in environmental economics. There will be extensive use of graphing and problem solving. Formal analytic analysis and the economic intuition that underlies it are used.

**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. Tietenberg/ Lewis       | Environmental and Natural Resource Economics, 10 <sup>th</sup> Edition | <input checked="" type="checkbox"/> | Pearson     | 2014 |
| 2. Field/ Olewiler         | Environmental Economics, 4 <sup>th</sup> Edition                       | <input checked="" type="checkbox"/> | McGraw-Hill | 2015 |
| 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:  | 20% | Project:     | %   | Practicum:        | % | Participation: | 10%  |
| Quizzes/tests: | 20% | Lab work:    | %   | Shop work:        | % | Total:         | 100% |

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

- Economics and the environment; nature of the problem
- Analytical models and framework of analysis
- Environmental analysis
- Environmental intervention strategies and associated policy issues
- Economics of natural resource allocation – renewable and non-renewable
- Economic development and sustainability
- Environmental policy and the economic impact on Indigenous communities
- Selected issues/applications



ORIGINAL COURSE IMPLEMENTATION DATE: September 2017  
 REVISED COURSE IMPLEMENTATION DATE: January 2019  
 COURSE TO BE REVIEWED (six years after UEC approval): May 2024  
 Course outline form version: 10/27/2017

## OFFICIAL UNDERGRADUATE CROSS-LISTED OUTLINE FORM

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

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Course Code and Number:</b> GEOG 361                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                  |
| <b>Course Full Title:</b> Environmental Economics<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 Social Sciences                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Department (or program if no department):</b> Economics                                                                                                                                                                                                                                                                                                              |
| <b>Official Course Outline:</b><br>This is a cross-listed course. Please refer to <b>ECON 361</b> for the official course outline.                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Calendar Description:</b><br>Explores the relationship between economic activity, government regulation, and environmental outcomes. Students will study the economic framework used to estimate the costs and benefits of environmental regulations in order to evaluate various applied policy questions.<br><br>Note: This course is offered as ECON 361 and GEOG 361. Students may take only one of these for credit.                                           |                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                        | 45 university-level credits, including ECON 100.                                                                                                                                                                                                                                                                                                                        |
| <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: <b>ECON 361</b><br>Dual-listed with: <b>ECON 361</b><br>Equivalent course(s): <b>ECON 361</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>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 revised outline for rearticulation:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, fill in transfer credit form.)</i> |
| <b>Department / Program Head or Director:</b> Steven Marsh                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Date approved:</b> January 2018                                                                                                                                                                                                                                                                                                                                      |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>Date approved:</b> February 2018                                                                                                                                                                                                                                                                                                                                     |
| <b>Dean/Associate VP:</b> Jacqueline Nolte                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Date approved:</b> February 2018                                                                                                                                                                                                                                                                                                                                     |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Date of posting:</b> April 13, 2018                                                                                                                                                                                                                                                                                                                                  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Date of meeting:</b> May 18, 2018                                                                                                                                                                                                                                                                                                                                    |



**ORIGINAL COURSE IMPLEMENTATION DATE:** September 1998  
**REVISED COURSE IMPLEMENTATION DATE:** January 2019  
**COURSE TO BE REVIEWED** (six years after UEC approval): May 2024  
**Course outline form version:** 10/27/2017

## 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> ECON 365                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                         |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Course Full Title:</b> Transportation Economics<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 Social Sciences                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Department (or program if no department):</b> Economics                                                                                                                                                                                                                                                                                                                                                                                     |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Calendar Description:</b><br>This course presents the economic and financial aspects of markets, policies, and planning for passenger and freight transportation. The economic techniques of impact assessment are applied to transportation projects and regulation.                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 45 university-level credits, including ECON 100.                                                                                                                                                                                                                                                                                                                                                                                               |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |
| <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><br>This course is offered with different topics:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(Double-click on box to select it as checked.)</i><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>(The specific topic will be recorded when offered.)</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;">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>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 revised outline for rearticulation:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, fill in transfer credit form.)</i> |
| 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>Grading System</b><br><input checked="" type="checkbox"/> Letter Grades <input type="checkbox"/> Credit/No Credit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Expected Frequency of Course Offerings:</b><br>Every other year<br><i>(Every semester, Fall only, annually, every other Fall, etc.)</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Department / Program Head or Director:</b> Michael K. Maschek, Ph.D. <b>Date approved:</b> January 2018                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Faculty Council approval</b> <b>Date approved:</b> February 2018                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Dean/Associate VP:</b> Jacqueline Nolte <b>Date approved:</b> February 2018                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Campus-Wide Consultation (CWC)</b> <b>Date of posting:</b> April 13, 2018                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Undergraduate Education Committee (UEC) approval</b> <b>Date of meeting:</b> May 18, 2018                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |

**Learning Outcomes:**

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

- Describe Canadian and foreign transportation policy and competitive frameworks;
- Identify economic efficiencies resulting from transportation issues;
- Analyze current problems and potential policy solutions using economic models of transportation;
- Evaluate the role transportation has on the spatial economy
- Compare public and private transportation modes in Canada and abroad and illustrate the different economic outcomes association with different modes.

**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 will develop theories and apply them to problems in Transportation Economics. There will be extensive use of graphing and problem solving. Formal analytic analysis and the economic intuition that underlies it are used.

**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. | Quinet/ Vickerman/ Vickerman               | Principles of Transport Economics                 | <input checked="" type="checkbox"/> | Edward Elgar | 2005 |
| 2. | Button                                     | Transportation Economics, 3 <sup>rd</sup> Edition | <input checked="" type="checkbox"/> | Edward Elgar | 2010 |
| 3. | De Palma/ Lindsey/ Quinet/ Vickerman [Eds] | A Handbook of Transport Economics                 | <input checked="" type="checkbox"/> | Edward Elgar | 2011 |
| 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:  | 20% | Project:     | %   | Practicum:        | % | Participation: | 10%  |
| Quizzes/tests: | 20% | Lab work:    | %   | Shop work:        | % | Total:         | 100% |

**Details (if necessary):**

**Typical Course Content and Topics**

An overview of transportation activities in Canada.  
 The demand for transportation.  
 The supply of transportation: firm production and cost.  
 General equilibrium models for transportation economics.  
 Market structure in the transportation industry.  
 Competition and regulation in air transport  
 Regulation and efficiency in transportation.  
 Transportation investment.  
 Dynamic traffic modeling.  
 City formation and transport costs.  
 Welfare effects of public regulation and pricing.  
 Congestion pricing.  
 Parking economics.  
 Transportation and land use.  
 Transportation, safety, and public health.



**ORIGINAL COURSE IMPLEMENTATION DATE:** April 1992  
**REVISED COURSE IMPLEMENTATION DATE:** January 2019  
**COURSE TO BE REVIEWED** (six years after UEC approval): May 2024  
**Course outline form version:** 10/27/2017

## 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> ECON 388                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                         |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |  |
| <b>Course Full Title:</b> Law and Economics<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> Economics                                                                                                                                                                                                                                                                                                                                                                                     |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |  |
| <b>Calendar Description:</b><br>Through detailed study of foundational common law cases, this course will show the role of economic thinking in many aspects of the law by examining the significance of efficiency and transactions costs.                                                                                                                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | 45 university-level credits, including one of the following: ECON 100, ECON 101, or CRIM 230.                                                                                                                                                                                                                                                                                                                                                  |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |  |
| <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><br>This course is offered with different topics:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(Double-click on box to select it as checked.)</i><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>(The specific 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;">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>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 revised outline for rearticulation:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, fill in transfer credit form.)</i> |  |
| 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>Grading System</b><br><input checked="" type="checkbox"/> Letter Grades <input type="checkbox"/> Credit/No Credit                                                                                                                                                                                                                                                                                                                           |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Expected Frequency of Course Offerings:</b><br>Every other year<br><i>(Every semester, Fall only, annually, every other Fall, etc.)</i>                                                                                                                                                                                                                                                                                                     |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |  |
| <b>Department / Program Head or Director:</b> Michael K. Maschek, Ph.D.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Date approved:</b> January 2018                                                                                                                                                                                                                                                                                                                                                                                                             |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Date approved:</b> February 2018                                                                                                                                                                                                                                                                                                                                                                                                            |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |  |
| <b>Dean/Associate VP:</b> Jacqueline Nolte                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | <b>Date approved:</b> February 2018                                                                                                                                                                                                                                                                                                                                                                                                            |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | <b>Date of posting:</b> April 13, 2018                                                                                                                                                                                                                                                                                                                                                                                                         |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Date of meeting:</b> May 18, 2018                                                                                                                                                                                                                                                                                                                                                                                                           |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |  |

**Learning Outcomes:**

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

- Distinguish the economic analysis of law from other methodologies;
- Explain the importance of property rights with respect to social welfare, economic efficiency, growth and social resilience;
- Analyze how judicial outcomes affect economic incentives and social welfare in cases of property, contract, and tort;
- Explain the economic issues of criminal law and punishment;
- Explain the economic issues of industry and environmental regulation and enforcement.
- Define what "unceded territories" means in the context of the rights of Indigenous people in Canada.

**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/seminar format with student participation, problem-solving, and discussion of current issues in law and economics.

**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            | Title (article, book, journal, etc.)                       | Current ed.                         | Publisher                  | Year |
|-------------------|------------------------------------------------------------|-------------------------------------|----------------------------|------|
| 1. Dnes           | The Economics of Law: Property, Contracts, and Obligations | <input checked="" type="checkbox"/> | Thomson Nelson             | 2005 |
| 2. Cooter/ Ulen   | Law and Economics                                          | <input checked="" type="checkbox"/> | Pearson                    | 2008 |
| 3. Posner         | Economics Analysis of Law, 9 <sup>th</sup> Edition         | <input checked="" type="checkbox"/> | Aspen Law & Business       | 2014 |
| 4. Cole/ Grossman | Principles of Law and Economics, 2 <sup>nd</sup> Edition   | <input checked="" type="checkbox"/> | Wolters Kluwer             | 2011 |
| 5. Friedman       | Law's Order                                                | <input checked="" type="checkbox"/> | Princeton University Press | 2000 |

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

**Typical Evaluation Methods and Weighting**

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

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

An introduction to the economic analysis of law and legal institutions  
 Economic theory of property and property law  
 Conflicts over property rights  
 Economic theory of contract: formation, evolution, and breach  
 Economic theory of tort law  
 Economic theory of crime and punishment  
 Law and economics of environmental regulation  
 Law and economics of industrial regulation



**ORIGINAL COURSE IMPLEMENTATION DATE:** January 2011  
**REVISED COURSE IMPLEMENTATION DATE:** January 2019  
**COURSE TO BE REVIEWED** (six years after UEC approval): May 2024  
**Course outline form version:** 10/27/2017

## 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> ECON 490                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                         |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |  |
| <b>Course Full Title:</b> Directed Studies in Economics<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 Social Sciences                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | <b>Department (or program if no department):</b> Economics                                                                                                                                                                                                                                                                                                                                                                                     |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |  |
| <b>Calendar Description:</b><br>Designed for students who wish to examine a particular topic in economics beyond the scope or depth offered in other available courses. Course content and approach are determined in consultation with the instructor and approval is required prior to registration.                                                                                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | ECON 101, ECON 307, and permission of the instructor, department head, and dean.                                                                                                                                                                                                                                                                                                                                                               |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |  |
| <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><br>This course is offered with different topics:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(Double-click on box to select it as checked.)</i><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>(The specific 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;">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>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 revised outline for rearticulation:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, fill in transfer credit form.)</i> |  |
| 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>Grading System</b><br><input checked="" type="checkbox"/> Letter Grades <input type="checkbox"/> Credit/No Credit                                                                                                                                                                                                                                                                                                                           |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Expected Frequency of Course Offerings:</b><br>As needed<br><i>(Every semester, Fall only, annually, every other Fall, etc.)</i>                                                                                                                                                                                                                                                                                                            |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |  |
| <b>Department / Program Head or Director:</b> Michael K. Maschek, Ph.D.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Date approved:</b> January 2018                                                                                                                                                                                                                                                                                                                                                                                                             |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Date approved:</b> February 2018                                                                                                                                                                                                                                                                                                                                                                                                            |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |  |
| <b>Dean/Associate VP:</b> Jacqueline Nolte                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | <b>Date approved:</b> February 2018                                                                                                                                                                                                                                                                                                                                                                                                            |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | <b>Date of posting:</b> April 13, 2018                                                                                                                                                                                                                                                                                                                                                                                                         |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Date of meeting:</b> May 18, 2018                                                                                                                                                                                                                                                                                                                                                                                                           |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |  |

**ECON 490**

**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:

- Investigate, analyze, and write a research paper on a particular topic in economics.

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

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

The course is based on new research, prior work cannot be used as a replacement

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

Meetings with faculty advisor, independent reading and research, and the preparation of written assignments/paper.

**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.                         |                                      | <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.*)

Course material will be assigned by the instructor.

**Typical Evaluation Methods and Weighting**

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

**Details (if necessary):**

**Typical Course Content and Topics**

Dependent on the topic chosen.

**Memo for New Course**

To: College of Arts Curriculum Committee (CACC) / Undergraduate Education Committee (UEC)

From: Michael Maschek, Department Head, Economics

Date: January 26<sup>th</sup>, 2018

**Subject: Proposal for new course (ECON 285, The Economics of Sport)**

1. Rationale for new course: A key recommendation following the Department of Economics Program Review was that the department expand its course offering at the 200- and 300-level. A more diverse set of economic elective courses at these levels was determined as appropriate. This course expands the number of courses the department offers for completing the BA Major in Economics' 200-level elective requirements.

The professional sports industries provide an enormous set of applied examples from every area of introductory microeconomic principles courses. Their consideration is very accessible. The familiarity of the industry allows exploration of concepts inherent in industrial organization, public finance, and labour economics in a very accessible manner not possible through the consideration of other industries (making it an ideal consideration at the 200-level). The course has proven a popular cross-disciplinary complement at other institutions and is a new, and growing sub-discipline of economics.

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

In accordance with the recommendation of the External Review Committee, this course expands the number of courses the department offers for completing the BA Major in Economics' 200-level elective requirements. The course will allow students greater flexibility in pursuing a BA Major in Economics and should attract students from other disciplines encouraging cross-disciplinary studies.

The economic consideration of sports is a course that lends itself to applied quantitative work that students are capable of managing even at the 200-level. The applied quantitative nature of the course aligns very well with the applied nature of the Economics Major.

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

The consideration of issues in the professional sports industry utilizing an economic methodology aligns quite well with the following Economic Program Learning Outcomes (PLOs) and Economic Skills (ES)

PLO 1: Subject knowledge and understanding:

...

The ability to explain how economic agents (individuals, firms, etc.) make decisions and make choices, and the ability to use this understanding to solve problems related to economic decisions.

PLO 2: Subject Knowledge and its application

...

The ability to apply economic reasoning and methods effectively to the study of specific topic areas.

PLO 5: Acquisition of independent learning skills

The ability to think reflectively and critically about a range of issues in economics. This might be demonstrated through expression of an understanding of ... the capacity and limitations of alternative approaches to modelling or other means of analysing or studying economic problems.

ES 1: Abstraction

.... This is an approach that the student can then apply in *other contexts* (emphasis added), thereby becoming a more effective problem solver and decision maker.

ES 2: Analysis and deduction

ES 3: Quantification and design (numeracy)

ES 4: Framing

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 course is not intended to be cross-listed, nor is it intended as a required course in any other disciplines. As a result, no consultation was conducted.

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

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

The course curriculum does not lend itself naturally to inclusion of Indigenous content. However, Indigenous examples will be explored within the course where feasible and traditional ways of knowing may be utilized throughout the course's instruction and assessment criteria.

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:

- a. Credit value

The three credits associated with this course do not have any budgetary implications for the department.

- b. Class size limit

The class size limit is standard for other courses at the 200-level offered by the department.

c. Frequency of offering

The course will be offered on a biennial basis. It will be utilized as a substitute for current 200-level courses offered by the department and will not affect the total number of sections offered annually. As such, there are not budgetary implications in this regard.

d. Resources required (labs, equipment)

No additional resources are required.

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

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

Textbooks for this area range from \$120 to \$245 (CAN).



ORIGINAL COURSE IMPLEMENTATION DATE: January 2019  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED (six years after UEC approval): May 2024  
 Course outline form version: 10/27/2017

## 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> ECON 285                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                         |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |  |
| <b>Course Full Title:</b> The Economics of Sport<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 Social Sciences                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | <b>Department (or program if no department):</b> Economics                                                                                                                                                                                                                                                                                                                                                                                     |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |  |
| <b>Calendar Description:</b><br>This course helps develop fundamental economic concepts pertaining to industrial organization, labour, and public finance in the professional sports industry. Economic models are examined in terms of their ability to capture accurately the characteristics of this industry.                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | ECON 100.                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |  |
| <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><br>This course is offered with different topics:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(Double-click on box to select it as checked.)</i><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>(The specific 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;">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>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 revised outline for rearticulation:<br><input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <i>(If yes, fill in transfer credit form.)</i> |  |
| 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>Grading System</b><br><input checked="" type="checkbox"/> Letter Grades <input type="checkbox"/> Credit/No Credit                                                                                                                                                                                                                                                                                                                           |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Expected Frequency of Course Offerings:</b><br>Every other year<br><i>(Every semester, Fall only, annually, every other Fall, etc.)</i>                                                                                                                                                                                                                                                                                                     |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |  |
| Labs to be scheduled independent of lecture hours: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |  |
| <b>Department / Program Head or Director:</b> Michael K. Maschek, Ph.D.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Date approved:</b> January 2018                                                                                                                                                                                                                                                                                                                                                                                                             |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Date approved:</b> February 2018                                                                                                                                                                                                                                                                                                                                                                                                            |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |  |
| <b>Dean/Associate VP:</b> Jacqueline Nolte                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | <b>Date approved:</b> February 2018                                                                                                                                                                                                                                                                                                                                                                                                            |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | <b>Date of posting:</b> April 13, 2018                                                                                                                                                                                                                                                                                                                                                                                                         |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Date of meeting:</b> May 18, 2018                                                                                                                                                                                                                                                                                                                                                                                                           |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |  |

**Learning Outcomes:**

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

- Apply elements of microeconomic theory to understand how consumers and producers make rational decisions in the sports industry
- Illustrate how sport franchises exercises monopoly power in its dealings with local governments.
- Utilize theories and models to examine problems faced in the professional sports industry.
- Identify and measure the economic costs and benefits of professional sport franchises to local economies

**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 will develop theories and apply them to problems in the subject. There will be extensive use of graphing and problem solving. Both formal analytic analysis and the economic intuition that underlies it will be used.

**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. Leeds/ Allmen           | The Economics of Sports, 5 <sup>th</sup> Edition | <input checked="" type="checkbox"/> | Pearson   | 2018 |
| 2. Berri                   | Sports Economics, 1 <sup>st</sup> Edition        | <input checked="" type="checkbox"/> | Macmillan | 2018 |
| 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:  | 20% | Project:     | %   | Practicum:        | % | Participation: | 10%  |
| Quizzes/tests: | 20% | Lab work:    | %   | Shop work:        | % | Total:         | 100% |

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

Sports franchises as profit-maximizing firms  
 Monopoly and antitrust in the professional sport industry  
 Competitive balance and its determination  
 The public finance of sports: benefits  
 The public finance of sports: costs  
 Labour markets in professional sports  
 Labour market imperfections and their impact on professional sport markets  
 Discrimination in professional sports  
 The economics of amateurism and college sports

**Memo for New Course**

To: College of Arts Curriculum Committee (CACC) / Undergraduate Education Committee (UEC)

From: Michael Maschek, Department Head, Economics

Date: January 26<sup>th</sup>, 2018

**Subject: Proposal for new course (ECON 342, International Capital Markets)**

1. Rationale for new course: A key recommendation following the Department of Economics Program Review was that the department expand its course offering at the 200- and 300-level. A more diverse set of economic elective courses at these levels was determined as appropriate. This course expands the number of courses the department offers for completing the BA Major in Economics' 300-level elective requirements.

The course is offered by almost every major economics department in North America and is a standard part of undergraduate coursework. Its curriculum is highly standardized and an important aspect in understanding aspects of the financial industry (a major source of employment for our graduates)

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

In accordance with the recommendation of the External Review Committee, this course expands the number of courses the department offers for completing the BA Major in Economics' 300-level elective requirements.

The course builds on international considerations developed in ECON, 341 though it does not require this course as a prerequisite. Its curriculum helps students understand fundamental determinants of market volatility on which portfolio analysis is meant to respond to (studied in subsequent elective courses in the program cross-listed with the School of Business).

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

The learning outcomes associated with the study of models pertaining to the international flow of capital satisfies the following Economic Program Learning Outcomes (PLOs) and Economic Skills (ES)

PLO 1: Subject knowledge and understanding:

...

The ability to explain how economic agents (individuals, firms, etc.) make decisions and make choices, and the ability to use this understanding to solve problems related to economic decisions;

The ability to explain the basic workings of an economic system and the role of policy in such a system;

The ability to articulate critical features and shortcomings in an economic model or in a method of analysis; and

An understanding that the tasks of professional economists require knowledge, application, communication and a critical awareness of assumptions and value judgments.

**PLO 2: Subject Knowledge and its application**

The ability to apply economic reasoning and methods effectively to the study of specific topic areas;

The ability to use of economic reasoning to formulate and evaluate economic advice and policy.

**PLO 3: Effective use of relevant data****PLO 5: Acquisition of independent learning skills**

The ability to think reflectively and critically about a range of issues in economics. This might be demonstrated through expression of an understanding of ... the capacity and limitations of alternative approaches to modelling or other means of analysing or studying economic problems.

**ES 1: Abstraction****ES 2: Analysis and deduction****ES 3: Quantification and design****ES 4: Framing**

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 course is not intended to be cross-listed, nor is it intended as a required course in any other disciplines. As a result, no consultation was conducted.

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

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

The course curriculum does not lend itself naturally to inclusion of Indigenous content. However, Indigenous examples will be explored within the course where feasible and traditional ways of knowing may be utilized throughout the course's instruction and assessment criteria.

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:

- a. Credit value

The three credits associated with this course do not have any budgetary implications for the department.

- b. Class size limit

The class size limit is standard for other courses at the 300-level offered by the department.

c. Frequency of offering

The course will be offered on a biennial basis. It will be utilized as a substitute for current 300-level courses offered by the department and will not affect the total number of sections offered annually. As such, there are not budgetary implications in this regard.

d. Resources required (labs, equipment)

No additional resources are required.

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

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

Paperback editions of textbooks suggested are approximately \$160 (CAN). There are no other costs associated with the course.



ORIGINAL COURSE IMPLEMENTATION DATE: January 2019  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED (six years after UEC approval): May 2024  
 Course outline form version: 10/27/2017

## 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> ECON 342                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                         |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Course Full Title:</b> International Capital Markets<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 Social Sciences                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Department (or program if no department):</b> Economics                                                                                                                                                                                                                                                                                                                                                                                     |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Calendar Description:</b><br>Economic theory is used to study international financial flows and their implications for regional and national economies including consideration of global financial imbalances, currency unions, international financial architecture, and the cause and impacts of currency attacks and financial crises.                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 45 university-level credits, including ECON 100 and 101.                                                                                                                                                                                                                                                                                                                                                                                       |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |
| <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><br>This course is offered with different topics:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(Double-click on box to select it as checked.)</i><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>(The specific topic will be recorded when offered.)</i> |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |
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| Lecture/seminar hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 45                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |
| Tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |
| Supervised laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |
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| Supervised online activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |
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| <b>Total hours</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>45</b>                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |
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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> Michael K. Maschek, Ph.D.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Date approved:</b> January 2018                                                                                                                                                                                                                                                                                                                                                                                                             |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Date approved:</b> February 2018                                                                                                                                                                                                                                                                                                                                                                                                            |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Dean/Associate VP:</b> Jacqueline Nolte                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Date approved:</b> February 2018                                                                                                                                                                                                                                                                                                                                                                                                            |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Date of posting:</b> April 13, 2018                                                                                                                                                                                                                                                                                                                                                                                                         |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Date of meeting:</b> May 18, 2018                                                                                                                                                                                                                                                                                                                                                                                                           |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |

**Learning Outcomes:**

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

- Apply models of exchange rate determination and identify causal factors.
- Explain the relationship between interest rates, prices, and exchange rates using open-economy models.
- Model the determination of international financial flows and their relationship to different exchange rate regimes and monetary intervention.
- Assess the impact of international capital flows on domestic economic performance.
- Summarize the factors determining optimum currency areas.
- Explain the role of central banks and instruments of sovereign government policy in determination of international capital movements and currency crises.

**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 will develop theories and apply them to problems in the subject. There will be extensive use of graphing and problem solving. Both formal analytic analysis and the economic intuition that underlies it will be used.

**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. Krugman/ Obstfeld/ Melitz | International Finance: Theory and Policy, 11 <sup>th</sup> Edition | <input checked="" type="checkbox"/> | Pearson   | 2017 |
| 2. Copeland                  | Exchange Rates and International Finance, 6 <sup>th</sup> Edition  | <input checked="" type="checkbox"/> | Pearson   | 2014 |
| 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:  | 20% | Project:     | %   | Practicum:        | % | Participation: | 10%  |
| Quizzes/tests: | 20% | Lab work:    | %   | Shop work:        | % | Total:         | 100% |

**Details (if necessary):**

**Typical Course Content and Topics**

National income accounting and the balance of payments  
 Exchange rates and the foreign exchange market: an asset approach  
 Money, interest rates, and exchange rates  
 Price levels and the exchange rate in the long run  
 Output and the exchange rate in the short run  
 Fixed exchange rates and foreign exchange intervention  
 International monetary systems: a historical overview  
 Financial globalization: opportunity and crisis  
 Optimum currency areas and the euro  
 Developing countries: growth, crisis, and reform

**Memo for New Course**

To: College of Arts Curriculum Committee (CACC) / Undergraduate Education Committee (UEC)

From: Michael Maschek, Department Head, Economics

Date: January 26<sup>th</sup>, 2018

**Subject: Proposal for new course (ECON 375, Health Economics)**

1. Rationale for new course: A key recommendation following the Department of Economics Program Review was that the department expand its course offering at the 200- and 300-level. A more diverse set of economic elective courses at these levels was determined as appropriate. This course expands the number of courses the department offers for completing the BA Major in Economics' 300-level elective requirements.

The health care sector is a major industry in British Columbia and represents a considerable source of employment for graduates of the Economics Major. It lends itself to cross-disciplinary programming as its curriculum is of interest in other disciplines and the course has minimal prerequisite requirements. The Department of Economics has faculty expertise and significant research potential in the area of health economics; considerable student research potential and faculty collaboration exists in this area of study.

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

In accordance with the recommendation of the External Review Committee, this course expands the number of courses the department offers for completing the BA Major in Economics' 300-level elective requirements. The course is a standard course offered at the 300- or 400- level in many major Canadian undergraduate economics programs.

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

The learning outcomes associated with the study of market outcomes in the health care sector and the economic implications and arguments surrounding public provision align with the following Economic Program Learning Outcomes (PLOs) and Economic Skills (ES)

PLO 1: Subject knowledge and understanding:

...

The ability to explain how economic agents (individuals, firms, etc.) make decisions and make choices, and the ability to use this understanding to solve problems related to economic decisions;

The ability to explain the basic workings of an economic system and the role of policy in such a system;

The ability to articulate critical features and shortcomings in an economic model or in a method of analysis; and

An understanding that the tasks of professional economists require knowledge, application, communication and a critical awareness of assumptions and value judgments.

**PLO 2: Subject Knowledge and its application**

The ability to apply economic reasoning and methods effectively to the study of specific topic areas;

The ability to use of economic reasoning to formulate and evaluate economic advice and policy.

**PLO 3: Effective use of relevant data**

The ability to show significant knowledge of the sources of economic and social data including an understanding of where and how to find such sources and the methods used to create or collect such data.

...

**PLO 4: Effective Communication**

The ability to communicate and explain effectively economic arguments both to those with disciplinary knowledge and to non-experts. Graduates will be able to communicate effectively, both orally and in writing, as a member of a team;

**PLO 5: Acquisition of independent learning skills**

The ability to pose and carry out the investigation of a specific problem in economics. This would involve the formulation of a topic for study, knowledge of suitable methods for its investigation and the ability to draw conclusions from the investigation. Such conclusions might include areas for further investigation.

**ES 1: Abstraction****ES 2: Analysis and deduction****ES 3: Quantification and design****ES 4: Framing**

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 course is not intended to be cross-listed, nor is it intended as a required course in any other disciplines. As a result, no consultation was conducted.

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

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

The course curriculum allows for consideration of indigenous specific issues relating to current and historical health care policies and key factors determining empirical measures of health. The methods of economic valuation studied in this course may be used to examine potential policies targeted towards public health in Indigenous communities.

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:

a. Credit value

The three credits associated with this course do not have any budgetary implications for the department.

b. Class size limit

The class size limit is standard for other courses at the 300-level offered by the department.

c. Frequency of offering

The course will be offered on a biennial basis. It will be utilized as a substitute for current 300-level courses offered by the department and will not affect the total number of sections offered annually. As such, there are not budgetary implications in this regard.

d. Resources required (labs, equipment)

No additional resources are required.

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

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

Paperback editions of textbooks suggested are approximately \$160 (CAN). There are no other costs associated with the course.



ORIGINAL COURSE IMPLEMENTATION DATE: January 2019  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED (six years after UEC approval): May 2024  
 Course outline form version: 10/27/2017

## 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> ECON 375                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                         |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Course Full Title:</b> Health Economics<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 Social Sciences                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | <b>Department (or program if no department):</b> Economics                                                                                                                                                                                                                                                                                                                                                                                     |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Calendar Description:</b><br>This course is designed to introduce the economics of health and health care. It comprises a survey of major topics in health economics and the ongoing debates over health care policy and system designs.                                                                                                                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | 45 university-level credits, including ECON 100 and one of MATH 111 or MATH 141.                                                                                                                                                                                                                                                                                                                                                               |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <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><br>This course is offered with different topics:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(Double-click on box to select it as checked.)</i><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>(The specific 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;">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>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 revised outline for rearticulation:<br><input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <i>(If yes, fill in transfer credit form.)</i> |  |
| 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>Grading System</b><br><input checked="" type="checkbox"/> Letter Grades <input type="checkbox"/> Credit/No Credit                                                                                                                                                                                                                                                                                                                           |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Department / Program Head or Director:</b> Michael K. Maschek, Ph.D.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Date approved:</b> January 2018                                                                                                                                                                                                                                                                                                                                                                                                             |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Date approved:</b> February 2018                                                                                                                                                                                                                                                                                                                                                                                                            |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Dean/Associate VP:</b> Jacqueline Nolte                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | <b>Date approved:</b> February 2018                                                                                                                                                                                                                                                                                                                                                                                                            |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | <b>Date of posting:</b> April 13, 2018                                                                                                                                                                                                                                                                                                                                                                                                         |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Date of meeting:</b> May 18, 2018                                                                                                                                                                                                                                                                                                                                                                                                           |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |

**ECON 375**
**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:

- Illustrate the essential economic concepts and methods of economic evaluation in the study of health and health care systems.
- Analyze issues and policies in health care, focusing on access to care, health insurance, quality of care, and health care costs
- Explain the key factors that determine the demand and supply sides of the health care provision
- Generate policy recommendations that incorporate economic principles of efficiency and equity backed by 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, in-class discussion, and 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. Hurley                  | Health Economics                     | <input checked="" type="checkbox"/> | McGraw-Hill | 2010 |
| 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: | % | Field experience: | % | Portfolio:    | %    |
| Midterm exam:  | 20% | Project:     | % | Practicum:        | % | Presentation: | 20%  |
| Quizzes/tests: | 20% | Lab work:    | % | Shop work:        | % | Total:        | 100% |

**Details (if necessary):**

**Typical Course Content and Topics**

Overview of health and health care systems  
 Principles and essential concepts  
 The determinants of health  
 Methods of economic evaluation  
 Demand for health care and health care insurance  
 Systems of health care finance and funding  
 Supply side of health care provision

**Memo for New Course**

To: College of Arts Curriculum Committee (CACC) / Undergraduate Education Committee (UEC)

From: Michael Maschek, Department Head, Economics

Date: January 26<sup>th</sup>, 2018

**Subject: Proposal for new course (ECON 395, Introduction to Behavioural Economics)**

1. Rationale for new course: A key recommendation following the Department of Economics Program Review was that the department expand its course offering at the 200- and 300-level. A more diverse set of economic elective courses at these levels was determined as appropriate. This course expands the number of courses the department offers for completing the BA Major in Economics' 300-level elective requirements.

The Department of Economics has faculty expertise and significant research potential in the area of behavioural economics; considerable student research potential and faculty collaboration exists in this area of study.

The course content is of interest to students in other disciplines and has significant interdisciplinary and co-teaching potential.

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

In accordance with the recommendation of the External Review Committee, this course expands the number of courses the department offers for completing the BA Major in Economics' 300-level elective requirements. The course is a standard course offered at the 300- or 400- level in many major Canadian undergraduate economics programs.

The course builds on understanding gained in microeconomic principles courses (ECON 100 and 307) as well as knowledge of strategic interaction (ECON 207). In the future, it has potential to help facilitate the development of a curriculum in experimental economics.

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

The learning outcomes particular to the study of behavioral aspects of economics align with the following Economic Program Learning Outcomes (PLOs) and Economic Skills (ES)

PLO 1: Subject knowledge and understanding:

...

The ability to explain how economic agents (individuals, firms, etc.) make decisions and make choices, and the ability to use this understanding to solve problems related to economic decisions;

The ability to explain the basic workings of an economic system and the role of policy in such a system;

The ability to articulate critical features and shortcomings in an economic model or in a method of analysis; and

An understanding that the tasks of professional economists require knowledge, application, communication and a critical awareness of assumptions and value judgments.

**PLO 2: Subject Knowledge and its application**

The ability to apply economic reasoning and methods effectively to the study of specific topic areas;

The ability to use of economic reasoning to formulate and evaluate economic advice and policy.

**PLO 3: Effective use of relevant data**

The ability to show significant knowledge of the sources of economic and social data including an understanding of where and how to find such sources and the methods used to create or collect such data.

...

**PLO 4: Effective Communication**

The ability to communicate and explain effectively economic arguments both to those with disciplinary knowledge and to non-experts. Graduates will be able to communicate effectively, both orally and in writing, as a member of a team;

**PLO 5: Acquisition of independent learning skills**

The ability to pose and carry out the investigation of a specific problem in economics. This would involve the formulation of a topic for study, knowledge of suitable methods for its investigation and the ability to draw conclusions from the investigation. Such conclusions might include areas for further investigation.

**ES 1: Abstraction**

**ES 2: Analysis and deduction**

**ES 3: Quantification and design**

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 course is not intended to be cross-listed, nor is it intended as a required course in any other disciplines. As a result, no consultation was conducted.

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

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

The course curriculum allows for consideration of social and cultural norms influence on decision making and contrasting the outcomes based on these to those associated with standard economic methodology. As a result, any norms particular to Indigenous communities in this respect may be

considered alongside those standard in the discipline. Where this may be appropriate is under economic consideration of trust, cooperation and reciprocity.

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:

a. Credit value

The three credits associated with this course do not have any budgetary implications for the department.

b. Class size limit

The class size limit is standard for other courses at the 300-level offered by the department.

c. Frequency of offering

The course will be offered on a biennial basis. It will be utilized as a substitute for current 300-level courses offered by the department and will not affect the total number of sections offered annually. As such, there are not budgetary implications in this regard.

d. Resources required (labs, equipment)

No additional resources are required.

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

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

Paperback editions of textbooks suggested are approximately \$60 (USD). There are no other costs associated with the course.



ORIGINAL COURSE IMPLEMENTATION DATE: January 2019  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED (six years after UEC approval): May 2024  
 Course outline form version: 10/27/2017

## 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> ECON 395                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                         |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Course Full Title:</b> Introduction to Behavioural Economics<br><b>Course Short Title:</b> Intro to Behavioural Economics<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> Economics                                                                                                                                                                                                                                                                                                                                                                                     |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Calendar Description:</b><br>Students will learn what basic psychological phenomena are most important for economic consideration, how to distinguish these phenomena from simple decisions and capture them in economic terms, and how this analysis affects our understanding of basic economic questions.                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 45 university-level credits, including ECON 207 and ECON 307.                                                                                                                                                                                                                                                                                                                                                                                  |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |
| <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><br>This course is offered with different topics:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(Double-click on box to select it as checked.)</i><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>(The specific topic will be recorded when offered.)</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;">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>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 revised outline for rearticulation:<br><input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <i>(If yes, fill in transfer credit form.)</i> |
| 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> Michael K. Maschek, Ph.D.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Date approved:</b> January 2018                                                                                                                                                                                                                                                                                                                                                                                                             |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Date approved:</b> February 2018                                                                                                                                                                                                                                                                                                                                                                                                            |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Dean/Associate VP:</b> Jacqueline Nolte                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Date approved:</b> February 2018                                                                                                                                                                                                                                                                                                                                                                                                            |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Date of posting:</b> April 13, 2018                                                                                                                                                                                                                                                                                                                                                                                                         |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Date of meeting:</b> May 18, 2018                                                                                                                                                                                                                                                                                                                                                                                                           |    |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |

## Learning Outcomes:

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

- Identify the basic psychological phenomena and cognitive biases most important for economic analysis of decision making
- Evaluate experimental economic studies' ability to identify these psychological phenomena and cognitive biases.
- Summarize evidence of these phenomena and biases in real world empirical data and market outcomes.
- Evaluate current economic models of decision making against evidence of these phenomena and biases.
- Explain the manner in which economic models of decision making have responded to the evaluation of these phenomena.

## 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, in-class discussion, and 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. Angner                  | A Course in Behavioral Economics, 2 <sup>nd</sup> Edition | <input checked="" type="checkbox"/> | Worth     | 2017 |
| 2. Just                    | Introduction to Behavioral Economics                      | <input checked="" type="checkbox"/> | Wiley     | 2013 |
| 3. Cartwright              | Behavioral Economics                                      | <input checked="" type="checkbox"/> | Routledge | 2014 |
| 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:  | 20% | Project:     | %   | Practicum:        | % | Participation: | 10%  |
| Quizzes/tests: | 20% | Lab work:    | %   | Shop work:        | % | Total:         | 100% |

**Details (if necessary):**

## Typical Course Content and Topics

Transaction utility and consumer pricing  
 Mental accounting  
 Status quo bias and default options  
 The "Winner's Curse" and auction behaviour  
 Bracketing decisions  
 Representativeness and availability  
 Confirmation and overconfidence  
 Decision under risk and uncertainty  
 Prospect theory and decision under risk or uncertainty  
 Disagreeing with ourselves: projection and hindsight biases  
 Naïve procrastination  
 Committing and uncommitting  
 Selfishness and altruism  
 Fairness and psychological games  
 Trust and reciprocity

**Memo for Program Changes**

To: [Undergraduate Education Committee](#)

From: [Michael Maschek, Department Head, Economics](#)

Date: [February 18, 2018](#)

**Subject: Course Discontinuation (ECON 203)**

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: [Course Deletion](#)

2. Rationale for change(s): [The course ECON 203 is no longer standard in undergraduate economics programs and has not been offered by the department in over ten years. It should be deleted.](#)

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?

[N/A](#)

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?

[Approval of additional/alternative 200-level curriculum has already been attained. No enrolment implications for the program result from this deletion.](#)

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?

[The changes proposed do not affect the number of sections offered by the department.](#)

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.

**Memo for Program Changes**

To: Undergraduate Education Committee

From: Michael Maschek, Department Head, Economics

Date: January 26, 2018

**Subject: Program change (Bachelor of Arts, Economics Major and Minor)**

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): The pending approval of ECON 285, 342, 375 and 395 requires an accommodation to the program's elective requirements in order to permit these courses as satisfactory.

If accepted, the suggested calendar language would allow the creation or deletion of elective courses without also simultaneously requiring a change in the program requirements. Additionally, students would now be allowed to use unassigned transfer credit towards these elective requirements without requiring permission from the Department Head.

3. If program outcomes are new or substantially changed, explain how they align with the Institutional Learning Outcomes: The program outcomes are not affected by the inclusion of these courses in the breadth requirements.

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

The proposed program changes do not involve curriculum. The allowance of unassigned upper-level ECON credit towards the major's elective requirements will facilitate students taking Indigenous Economics courses offered by other institutions with specialized knowledge/faculty. These courses would now count towards the economics major if they have been articulated as general ECON credit at the 200-, 300- or 400-level.

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

No additional financial resource requirements are anticipated.

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

Program and curriculum flexibility is enhanced. No other impacts are expected and program enrollment is not anticipated to change as a result of the inclusion.

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?

The changes proposed do not affect the number of sections offered by the department.

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.

## Economics major

This section specifies only the requirements for the Economics major, which may be completed as an option in the **Bachelor of Arts** degree. Degree students must also ensure that all other degree requirements have been met, including the requirements for **declaring** a major. For students who are planning on completing this Arts major within their degree program, please check the BA **residency** section of the calendar for how many upper-level credits must be completed at UFV in order to graduate with this program.

### Lower-level requirements: 28-29 credits

#### Required courses:

| Course               | Title                                                         | Credits |
|----------------------|---------------------------------------------------------------|---------|
| ECON 100             | Principles of Microeconomics                                  | 3       |
| ECON 101             | Principles of Macroeconomics                                  | 3       |
| STAT 106             | Statistics I                                                  | 4       |
| MATH 111             | Calculus I                                                    | 3-4     |
| <b>or</b> MATH 141   | Calculus for Business                                         |         |
| BUS 143              | Introductory Financial Accounting I                           | 3       |
| BUS 249              | Introduction to Finance (formerly BUS 149, 162)               | 3       |
| BUS 226/<br>ECON 226 | Economics and Business Statistics (formerly BUS 301/ECON 301) | 3       |

|                       |                                    |   |
|-----------------------|------------------------------------|---|
| <del>Two of:</del>    |                                    | 6 |
| ECON 203              | Comparative Economic Systems       |   |
| ECON 207              | Introduction to Strategic Thinking |   |
| ECON 215              | Canadian Economic Issues           |   |
| GEOG 242/<br>ECON 242 | Economic Geography                 |   |

Elective courses:

In addition to the required courses listed above, students must complete 6 credits of 200-level ECON.

## Upper-level requirements: 30 credits

**Required courses:**

| Course               | Title                                | Credits |
|----------------------|--------------------------------------|---------|
| ECON 307             | Managerial Microeconomics            | 3       |
| ECON 410             | Macroeconomics and Financial Markets | 3       |
| BUS 349/<br>ECON 349 | Financial Management I               | 3       |

~~Students must complete seven of the following courses~~Elective courses:

In addition to the required courses listed above, students must complete 21 credits of upper-level ECON. MATH 368 (formerly MATH 308) may be counted towards these 21 credits (see [Note](#)).

| Course                | Title                                      | Credits |
|-----------------------|--------------------------------------------|---------|
| ECON 341              | International Trade                        | 3       |
| ECON 352              | Technological Progress and Economic Growth | 3       |
| ECON 360              | Labour Economics                           | 3       |
| ECON 361/<br>GEOG 361 | Environmental Economics                    | 3       |
| ECON 365              | Transportation Economics                   | 3       |
| ECON 388              | Law and Economics                          | 3       |
| ECON 397              | Regulatory Economics                       | 3       |
| ECON 398              | Development Economics                      | 3       |
| BUS 433/<br>ECON 433  | Investments                                | 3       |
| BUS 434/<br>ECON 434  | Risk Management and Financial Engineering  | 3       |
| BUS 435/<br>ECON 435  | International Financial Management         | 3       |
| BUS 449/<br>ECON 449  | Financial Management II                    | 3       |

|          |                               |   |
|----------|-------------------------------|---|
| MATH 308 | Linear Programming (see Note) | 3 |
|----------|-------------------------------|---|

Note: MATH [368 \(formerly MATH 308\)](#) is not offered on a regular basis.

## Economics minor

This section specifies only the requirements for the Economics minor, which may be completed as an option in several degree programs including the **Bachelor of Arts**, the **Bachelor of Business Administration**, the **Bachelor of Science**, and the **Bachelor of General Studies**. Students in other degree programs should check the program information in the calendar to ensure that the Economics minor is an option. Degree students must also ensure that all other degree requirements have been met. For students who are planning on completing this Arts minor within their degree program, please check the BA **residency** section of the calendar for how many upper-level credits must be completed at UFV in order to graduate with this program.

### Lower-level requirements: 12-14 credits

| Course      | Title                                           | Credits |
|-------------|-------------------------------------------------|---------|
| ECON 100    | Principles of Microeconomics                    | 3       |
| ECON 101    | Principles of Macroeconomics                    | 3       |
| BUS 249     | Introduction to Finance (formerly BUS 149, 162) |         |
| or STAT 104 | Introductory Statistics                         |         |
| or STAT 106 | Statistics I                                    |         |

|                          |                                            |     |
|--------------------------|--------------------------------------------|-----|
| or MATH 270/<br>STAT 270 | Introduction to Probability and Statistics | 3-4 |
| MATH 111                 | Calculus I                                 |     |
| or MATH 141              | Calculus for Business (formerly MATH 115)  | 3-4 |

## Upper-level requirements: 15 credits

### Required courses:

| Course   | Title                                | Credits |
|----------|--------------------------------------|---------|
| ECON 307 | Managerial Microeconomics            | 3       |
| ECON 410 | Macroeconomics and Financial Markets | 3       |

### Elective courses:

In addition to the required courses listed above, students must complete 9 credits of upper-level ECON. (any three upper-level Economics courses):

| Course                           | Title                                                 | Credits      |
|----------------------------------|-------------------------------------------------------|--------------|
| <del>ECON 341</del>              | <del>International Trade</del>                        | <del>3</del> |
| <del>BUS 349/<br/>ECON 349</del> | <del>Financial Management I</del>                     | <del>3</del> |
| <del>ECON 352</del>              | <del>Technological Progress and Economic Growth</del> | <del>3</del> |

|                       |                                           |   |
|-----------------------|-------------------------------------------|---|
| ECON 360              | Labour Economics                          | 3 |
| ECON 361/<br>GEOG 361 | Environmental Economics                   | 3 |
| ECON 365              | Transportation Economics                  | 3 |
| ECON 388              | Law and Economics                         | 3 |
| ECON 397              | Regulatory Economics                      | 3 |
| ECON 398              | Development Economics                     | 3 |
| BUS 433/<br>ECON 433  | Investments                               | 3 |
| BUS 434/<br>ECON 434  | Risk Management and Financial Engineering | 3 |
| BUS 435/<br>ECON 435  | International Financial Management        | 3 |
| BUS 449/<br>ECON 449  | Financial Management II                   | 3 |

Note: BUS 410 (previously offered) will also count towards the elective requirement.

**Memo for Course Changes**

To: CACC and UEC

From: Martha Dow, Social, Cultural and Media Studies

Date: March 25, 2018

**Subject: Proposal for revision of MACS 110 (minor changes), MACS/MUSC 201, JRNL/MACS 235, MACS/SOC 334 and JRNL/MACS 369 (minor changes)**

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:

**MACS 110**

*The new **title** now matches the title for CMNS 110, the course's equivalent at SFU. Changing the word "theory" to "studies" makes the course appear slightly less forbidding. The **calendar description** has been changed for the same reason: to make the course look slightly less forbidding. The **typical course content and topics** were changed to better reflect how the course is currently being taught.*

**MACS/MUSC 201**

*The new **title**, Popular Music and Society, is more descriptive of what the course is about. The **prerequisites** have been simplified. In the instructor's opinion, students can excel in the course without having taken the recommended courses. A couple of the lesser **learning outcomes** were deleted in order to make the list less cumbersome. Minor tweaking was done to the **typical text(s) and resource materials** and **typical course content and topics**.*

**JRNL/MACS 235**

*Minor copy-editing changes were made to the **calendar description**. The **prerequisites** were simplified. Some students had been asking the instructor if they could take the course even if they had not previously taken MACS 130, to which the instructor was answering yes. The verbs in the **learning outcomes** were changed in accordance with Bloom's taxonomy. The **typical text(s) and resource materials** were updated to reflect how the course is currently taught.*

**MACS/SOC 334**

*"In Canada" was added to make the **course title** more accurate. The **calendar description** was changed for accessibility as well as for accuracy relative to how the course is currently taught. In the **prerequisites**, the number of credits of Sociology and/or MACS was reduced from 6 to 3, reflecting the instructor's practice of accepting students with 3 credits of Sociology or MACS and following the precedent of JRNL/MACS 369 only requiring 3 credits of CMNS, JRNL or MACS. The verbs in the **learning outcomes** were changed to reflect Bloom's taxonomy. In addition, two lesser learning outcomes were deleted in order to make the list less cumbersome. The **typical text(s) and resource materials** were updated to include currently used readings. Also, minor adjustments were made to the **typical course content and topics**.*

**JRNL/MACS 369**

*The **learning outcomes** are now in an order that makes more intuitive sense from the instructor's perspective. The **typical text(s) and resource materials** and the **typical course content and topics** were updated to reflect how the course is currently taught.*

3. If there are substantial changes to the learning outcomes, explain how they align with the learning outcomes of the program(s):  
*There are no substantial changes to the learning outcomes.*
4. Is this course required by any program beyond the discipline? If so, how will this change affect that program or programs?  
*There are no substantial changes to course content.*
5. Which program areas have been consulted about the change(s)?  
*None. The changes are not significant enough to have an impact on other programs.*
6. What consideration has been given to indigenizing the curriculum?  
*MACS/SOC 334 includes a substantial component on indigenous media (policies pertaining to them, APTN and other indigenous-run media in Canada, and the representation of indigenous peoples in Canadian media). Some of the other courses under review also include material on indigenous media. For instance, JRNL/MACS 235 deals with diversity in the newsroom and comprehensiveness of coverage, and JRNL/MACS 369 deals with restorative justice programs. All of the courses allow for students to focus on indigeneity in their assignments and essay answers.*
7. If this course is not eligible for PLAR, explain why:  
*The courses are eligible for PLAR.*
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  
*No change.*
  - b. Class size limit  
*No change.*
  - c. Frequency of offering  
*No change.*

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?

*No field trips are required for these courses.*

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

*The cost for textbooks in each of these courses ranges from \$50 to \$150.*



**ORIGINAL COURSE IMPLEMENTATION DATE:** September 2011  
**REVISED COURSE IMPLEMENTATION DATE:** January 2019  
**COURSE TO BE REVIEWED** (six years after UEC approval): May 2024  
**Course outline form version:** 10/27/2017

## 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> MACS 201                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                         |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Course Full Title:</b> Popular Music and Society<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 Social Sciences                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Department (or program if no department):</b> Social, Cultural & Media Studies                                                                                                                                                                                                                                                                                                                                                              |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Calendar Description:</b><br><p>Popular music is everywhere in our day-to-day lives, yet we seldom consider how it was made, what it means, and how it affects us. In this course, we'll draw on different scholars' ideas to reflect on the diverse social contexts in which people create and listen to popular music.</p> <p>Note: This course is offered as MACS 201 and MUSC 201. Students may take only one of these for credit.</p>                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | None.                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <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: <b>MUSC 201</b><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><br>This course is offered with different topics:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(Double-click on box to select it as checked.)</i><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>(The specific topic will be recorded when offered.)</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 style="text-align: center;">15</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                                                                                                                                                                                                                                                                                                                                                                                                                          | 30 | Tutorials/workshops | 15 | 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 revised outline for rearticulation:<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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 15        |                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| 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>Grading System</b><br><input checked="" type="checkbox"/> Letter Grades <input type="checkbox"/> Credit/No Credit                                                                                                                                                                                                                                                                                                                           |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Expected Frequency of Course Offerings:</b><br>Every other year<br><i>(Every semester, Fall only, annually, every other Fall, etc.)</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Department / Program Head or Director:</b> Martha Dow                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | <b>Date approved:</b> March 2018                                                                                                                                                                                                                                                                                                                                                                                                               |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | <b>Date approved:</b> April 6, 2018                                                                                                                                                                                                                                                                                                                                                                                                            |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Dean/Associate VP:</b> Jacqueline Nolte                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Date approved:</b> April 6, 2018                                                                                                                                                                                                                                                                                                                                                                                                            |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           | <b>Date of posting:</b> May 11, 2018                                                                                                                                                                                                                                                                                                                                                                                                           |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | <b>Date of meeting:</b> May 18, 2018                                                                                                                                                                                                                                                                                                                                                                                                           |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                                        |  |

## Learning Outcomes:

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

- Describe the business of producing and promoting popular music in the context of present-day technological developments.
- Identify how popular music is made as the result of creative and commercial decision-making.
- Evaluate popular music in terms of its ability to reflect the status quo and enforce conformity and also in terms of its oppositional nature and emancipatory potential.
- Assess the criteria by which industry professionals and fans make decisions as to what is good and bad music.
- Identify how audience members integrate popular music into their lives in terms of fashion, dance, language and talk.
- Define the place and role of popular music within youth subcultures and other subcultures (ethnic, age-related, etc.).
- Identify the global diffusion of popular music genres and artists, with its contradictory effects of encouraging cultural homogeneity and heterogeneity at different times and in different places.
- Discuss contemporary or recent musical phenomena in terms of their social relevance.

## 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, in-class discussions, group discussions, student-led activities, videos, music, practice tests.

**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. Shuker, Roy             | Understanding Popular Music Culture, 5 <sup>th</sup> ed. | <input checked="" type="checkbox"/> | Routledge | 2016 |
| 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.*)

None.

## Typical Evaluation Methods and Weighting

|                |     |             |     |                   |   |            |      |
|----------------|-----|-------------|-----|-------------------|---|------------|------|
| Final exam:    | %   | Assignment: | 20% | Field experience: | % | Portfolio: | %    |
| Midterm exam:  | %   | Project:    | %   | Practicum:        | % | Other:     | 20%  |
| Quizzes/tests: | 60% | Lab work:   | %   | Shop work:        | % | Total:     | 100% |

**Details (if necessary):** Three tests, each worth 20%; "Other" includes a presentation (15%) and participation (5%).

## Typical Course Content and Topics

### Production

- Week 1 The business of popular music: who gets signed and why.
- Week 2 In the studio: producing the perfect song.
- Week 3 The artist as commodity: selling musicians and their songs to the public.

### Text

- Week 4 What it means for music to be popular. The structure and meaning of popular genres (rap, rock, country, techno...).
- Week 5 Authenticity and artifice, innovations and conventions.
- Week 6 Judging popular music for better and for worse.
- Week 7-8 Issues of inequality: age, class, gender, race and sexual orientation in popular music.

### Consumption

- Week 9 From fans to subcultures: why we like what we like. Fashions and fads in popular music.
- Week 10 Music as a distraction, music as an addiction.
- Week 11 From vinyl to streaming: the impact of technology on listening practices.
- Week 12-13 Globalization and popular music.



ORIGINAL COURSE IMPLEMENTATION DATE: September 2011  
 REVISED COURSE IMPLEMENTATION DATE: January 2019  
 COURSE TO BE REVIEWED (six years after UEC approval): May 2024  
 Course outline form version: 10/27/2017

## OFFICIAL UNDERGRADUATE CROSS-LISTED OUTLINE FORM

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

|                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                                                                         |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> MUSC 201                                                                                                                                                                                                                                                                                                                                                                                                |  | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                  |  |
| <b>Course Full Title:</b> Popular Music and Society<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 Social Sciences                                                                                                                                                                                                                                                                                                                                                                                             |  | <b>Department (or program if no department):</b> Social, Cultural & Media Studies                                                                                                                                                                                                                                                                                       |  |
| <b>Official Course Outline:</b><br>This is a cross-listed course. Please refer to <b>MACS 201</b> for the official course outline.                                                                                                                                                                                                                                                                                                     |  |                                                                                                                                                                                                                                                                                                                                                                         |  |
| <b>Calendar Description:</b><br>Popular music is everywhere in our day-to-day lives, yet we seldom consider how it was made, what it means, and how it affects us. In this course, we'll draw on different scholars' ideas to reflect on the diverse social contexts in which people create and listen to popular music.<br><br>Note: This course is offered as MACS 201 and MUSC 201. Students may take only one of these for credit. |  |                                                                                                                                                                                                                                                                                                                                                                         |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                        |  | None.                                                                                                                                                                                                                                                                                                                                                                   |  |
| <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: <b>MACS 201</b><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>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 revised outline for rearticulation:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, fill in transfer credit form.)</i> |  |
| <b>Department / Program Head or Director:</b> Martha Dow                                                                                                                                                                                                                                                                                                                                                                               |  | <b>Date approved:</b> March 2018                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                        |  | <b>Date approved:</b> April 6, 2018                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Dean/Associate VP:</b> Jacqueline Nolte                                                                                                                                                                                                                                                                                                                                                                                             |  | <b>Date approved:</b> April 6, 2018                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                  |  | <b>Date of posting:</b> May 11, 2018                                                                                                                                                                                                                                                                                                                                    |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                |  | <b>Date of meeting:</b> May 18, 2018                                                                                                                                                                                                                                                                                                                                    |  |



ORIGINAL COURSE IMPLEMENTATION DATE: May 2009  
 REVISED COURSE IMPLEMENTATION DATE: January 2019  
 COURSE TO BE REVIEWED (six years after UEC approval): May 2024  
 Course outline form version: 10/27/2017

## 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> MACS 235                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                         |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |
| <b>Course Full Title:</b> Introduction to Journalism in Canada<br><b>Course Short Title:</b> Intro to Journalism in Canada<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> Social, Cultural & Media Studies                                                                                                                                                                                                                                                                                                                                                              |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |
| <b>Calendar Description:</b><br>Journalists inform us about events and issues from around the world. But what factors determine their choice of stories to cover and the perspectives that they bring to these stories? This course takes a critical look at the role of the journalist in Canadian society.<br><br>Note: This course is offered as JRNL 235 and MACS 235. Students may take only one of these for credit.                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | None.                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |
| <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: <b>JRNL 235</b><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><br>This course is offered with different topics:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(Double-click on box to select it as checked.)</i><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>(The specific topic will be recorded when offered.)</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: right;">30</td> </tr> <tr> <td>Tutorials/workshops</td> <td style="text-align: right;">15</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: right;"><b>45</b></td> </tr> </table> | Lecture/seminar hours                                                                                                                                                                                                                                                                                                                                                                                                                          | 30 | Tutorials/workshops | 15 | 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="#">bctransferguide.ca</a> )<br><input type="checkbox"/> No <input checked="" type="checkbox"/> Yes<br>Submit revised outline for rearticulation:<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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 15                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |
| <b>Expected Frequency of Course Offerings:</b><br>Annually<br><i>(Every semester, Fall only, annually, every other Fall, etc.)</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |
| Labs to be scheduled independent of lecture hours: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |
| <b>Department / Program Head or Director:</b> Martha Dow                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>Date approved:</b> March 26, 2018                                                                                                                                                                                                                                                                                                                                                                                                           |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Date approved:</b> April 6, 2018                                                                                                                                                                                                                                                                                                                                                                                                            |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |
| <b>Dean/Associate VP:</b> Jacqueline Nolte                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Date approved:</b> April 6, 2018                                                                                                                                                                                                                                                                                                                                                                                                            |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Date of posting:</b> May 11, 2018                                                                                                                                                                                                                                                                                                                                                                                                           |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>Date of meeting:</b> May 18, 2018                                                                                                                                                                                                                                                                                                                                                                                                           |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |

MACS 235

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:

- Identify the central role played by journalists in a democratic society;
- Describe how the news media in Canada are organized;
- Explain the political and economic context in which journalists operate;
- Discuss the influence of sources, colleagues, employers, and audiences on journalists;
- Identify the factors affecting what stories get covered by the media and how they are covered;
- Explain how technological developments have affected journalists over the years.

**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, in-class discussions, group discussions, student-led activities, videos, music, and practice tests.

**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. | Kovach, Bill, and Tom Rosenstiel | The Elements of Journalism: What Newspeople Should Know and the Public Should Expect, 3 <sup>rd</sup> ed. | <input checked="" type="checkbox"/> | Three Rivers Press              | 2014 |
| 2. | Gorman, Brian                    | Crash to Paywall: Canadian Newspapers and the Great Disruption                                            | <input checked="" type="checkbox"/> | McGill-Queen's University Press | 2015 |
| 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:    | 25% | Assignments: | 30% | Field experience: | % | Portfolio: | %    |
| Midterm exam:  | 25% | Project:     | %   | Practicum:        | % | Other:     | 20%  |
| Quizzes/tests: | %   | Lab work:    | %   | Shop work:        | % | Total:     | 100% |

**Details (if necessary):** Two assignments, the first worth 10%, the second worth 20%; "Other" includes a presentation (15%) and participation (5%).

**Typical Course Content and Topics**

Week 1 Journalism's role in a democratic state;  
 Week 2 Government influences on journalism;  
 Week 3 Business and advertising influences on journalism;  
 Week 4 Concentration of media ownership;  
 Week 5 How sources affect news coverage;  
 Week 6 The audience's needs and wants;  
 Week 7 Pack journalism;  
 Week 8 Infotainment and celebrity culture;  
 Week 9 Celebrity journalism;  
 Week 10 Journalism at the CBC;  
 Week 11 Canada's under-reported stories;  
 Week 12 The role of alternative news media;  
 Week 13 The decline of print journalism and the rise of Internet journalism.



ORIGINAL COURSE IMPLEMENTATION DATE: May 2009  
 REVISED COURSE IMPLEMENTATION DATE: January 2019  
 COURSE TO BE REVIEWED (six years after UEC approval): May 2024  
 Course outline form version: 10/27/2017

## OFFICIAL UNDERGRADUATE CROSS-LISTED OUTLINE FORM

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

|                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Course Code and Number:</b> JRNL 235                                                                                                                                                                                                                                                                                                                                                                                                | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                  |
| <b>Course Full Title:</b> Introduction to Journalism in Canada<br><b>Course Short Title:</b> Intro to Journalism in Canada<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> Social, Cultural & Media Studies                                                                                                                                                                                                                                                                                       |
| <b>Official Course Outline:</b><br>This is a cross-listed course. Please refer to <b>MACS 235</b> for the official course outline.                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Calendar Description:</b><br>Journalists inform us about events and issues from around the world. But what factors determine their choice of stories to cover and the perspectives that they bring to these stories? This course takes a critical look at the role of the journalist in Canadian society.<br><br>Note: This course is offered as JRNL 235 and MACS 235. Students may take only one of these for credit.             |                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                        | None.                                                                                                                                                                                                                                                                                                                                                                   |
| <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: <b>MACS 235</b><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>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 revised outline for rearticulation:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, fill in transfer credit form.)</i> |
| <b>Department / Program Head or Director:</b> Martha Dow                                                                                                                                                                                                                                                                                                                                                                               | <b>Date approved:</b> March 26, 2018                                                                                                                                                                                                                                                                                                                                    |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                        | <b>Date approved:</b> April 6, 2018                                                                                                                                                                                                                                                                                                                                     |
| <b>Dean/Associate VP:</b> Jacqueline Nolte                                                                                                                                                                                                                                                                                                                                                                                             | <b>Date approved:</b> April 6, 2018                                                                                                                                                                                                                                                                                                                                     |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Date of posting:</b> May 11, 2018                                                                                                                                                                                                                                                                                                                                    |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                | <b>Date of meeting:</b> May 18, 2018                                                                                                                                                                                                                                                                                                                                    |



**ORIGINAL COURSE IMPLEMENTATION DATE:** January 1997  
**REVISED COURSE IMPLEMENTATION DATE:** January 2019  
**COURSE TO BE REVIEWED** (six years after UEC approval): May 2024  
**Course outline form version:** 10/27/2017

## 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> MACS 334                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | <b>Number of Credits:</b> 4 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                         |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |  |
| <b>Course Full Title:</b> Cultural Policy in Canada<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 Social Sciences                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Department (or program if no department):</b> Social, Cultural & Media Studies                                                                                                                                                                                                                                                                                                                                                              |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |  |
| <b>Calendar Description:</b><br>Examines the essential role played by the federal government in shaping and supporting culture in Canada. Explores Ottawa's involvement in such areas as radio and television broadcasting, Indigenous media, the fine and performing arts, and multiculturalism.<br><br>Note: This course is offered as MACS 334 and SOC 334. Students may take only one of these for credit.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | 45 university-level credits, including three credits of AH, MACS, or SOC.                                                                                                                                                                                                                                                                                                                                                                      |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |  |
| <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>SCMS 334</b><br>Cross-listed with: <b>SOC 334</b><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><br>This course is offered with different topics:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(Double-click on box to select it as checked.)</i><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>(The specific topic will be recorded when offered.)</i> |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |  |
| <b>Typical Structure of Instructional Hours</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr> <td style="padding: 2px;">Lecture/seminar hours</td> <td style="text-align: center; padding: 2px;">45</td> </tr> <tr> <td style="padding: 2px;">Tutorials/workshops</td> <td style="text-align: center; padding: 2px;">15</td> </tr> <tr> <td style="padding: 2px;">Supervised laboratory hours</td> <td style="text-align: center; padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">Experiential (field experience, practicum, internship, etc.)</td> <td style="text-align: center; padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">Supervised online activities</td> <td style="text-align: center; padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">Other contact hours:</td> <td style="text-align: center; padding: 2px;"></td> </tr> <tr> <td style="text-align: right; padding: 2px;"><b>Total hours</b></td> <td style="text-align: center; padding: 2px;"><b>60</b></td> </tr> </table> |           | Lecture/seminar hours                                                                                                                                                                                                                                                                                                                                                                                                                          | 45 | Tutorials/workshops | 15 | Supervised laboratory hours |  | Experiential (field experience, practicum, internship, etc.) |  | Supervised online activities |  | Other contact hours: |  | <b>Total hours</b> | <b>60</b> | <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 revised outline for rearticulation:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, fill in transfer credit form.)</i> |  |
| Lecture/seminar hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 45        |                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |  |
| Tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 15        |                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |  |
| 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 checked="" type="checkbox"/> No <input type="checkbox"/> Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | <b>Grading System</b><br><input checked="" type="checkbox"/> Letter Grades <input type="checkbox"/> Credit/No Credit                                                                                                                                                                                                                                                                                                                           |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | <b>Expected Frequency of Course Offerings:</b><br>Annually<br><i>(Every semester, Fall only, annually, every other Fall, etc.)</i>                                                                                                                                                                                                                                                                                                             |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |  |
| <b>Department / Program Head or Director:</b> Martha Dow                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | <b>Date approved:</b> March 26, 2018                                                                                                                                                                                                                                                                                                                                                                                                           |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | <b>Date approved:</b> April 6, 2018                                                                                                                                                                                                                                                                                                                                                                                                            |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |  |
| <b>Dean/Associate VP:</b> Jacqueline Nolte                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Date approved:</b> April 6, 2018                                                                                                                                                                                                                                                                                                                                                                                                            |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | <b>Date of posting:</b> May 11, 2018                                                                                                                                                                                                                                                                                                                                                                                                           |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | <b>Date of meeting:</b> May 18, 2018                                                                                                                                                                                                                                                                                                                                                                                                           |    |                     |    |                             |  |                                                              |  |                              |  |                      |  |                    |           |                                                                                                                                                                                                                                                                                                                                                |  |

MACS 334

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:

- Demonstrate a basic knowledge of policy analysis;
- Identify how and why policy decisions are made;
- Explain why the government intervenes in cultural production in Canada;
- List the government's priorities in cultural policy matters;
- Assess the pros and cons of government involvement in cultural matters;
- Evaluate the role that culture can play in nation-building;
- Discuss the history of the Canadian government's involvement in supporting and regulating culture;
- Describe examples of government-supported culture in Canada.

## 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, in-class discussions, group discussions, student-led activities, videos, music, practice tests.

**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                | Title (article, book, journal, etc.)                                                                                                                                                                       | Current ed.                         | Publisher                    | Year |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|------------------------------|------|
| 1. Vipond, Mary       | "The Government and the Mass Media," <i>The Mass Media in Canada</i>                                                                                                                                       | <input checked="" type="checkbox"/> | J. Lorimer & Co.             | 2011 |
| 2. Dowell, Kristin L. | "Canadian Cultural Policy and Aboriginal Media," <i>Sovereign Screens: Aboriginal Media on the Canadian West Coast</i>                                                                                     | <input checked="" type="checkbox"/> | University of Nebraska Press | 2013 |
| 3. Fleras, Augie      | "Unsilencing Aboriginal Voices: Toward an Indigenous Media Gaze," <i>Media Gaze: Representations of Diversities in Canada</i>                                                                              | <input checked="" type="checkbox"/> | UBC Press                    | 2011 |
| 4. Mackey, Eva        | "Managing the House of Difference: Official Multiculturalism," <i>The House of Difference: Cultural Politics and National Identity in Canada</i>                                                           | <input checked="" type="checkbox"/> | University of Toronto Press  | 2002 |
| 5. Fatona, Andrea     | "Arts Funding, the State and Canadian Nation-Making: Producing Governable Subjects," <i>Critical Inquiries: A Reader in Studies of Canada</i> , Lynn Caldwell, Carrienne Leung and Darryl Leroux, editors. | <input checked="" type="checkbox"/> | Fernwood Publishing          | 2013 |

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

None.

## Typical Evaluation Methods and Weighting

|                |     |              |     |                   |   |            |      |
|----------------|-----|--------------|-----|-------------------|---|------------|------|
| Final exam:    | 25% | Assignments: | 35% | Field experience: | % | Portfolio: | %    |
| Midterm exam:  | 20% | Project:     | %   | Practicum:        | % | Other:     | 20%  |
| Quizzes/tests: | %   | Lab work:    | %   | Shop work:        | % | Total:     | 100% |

**Details (if necessary):** Two assignments (15% and 20%); "Other" includes a presentation (15%) and participation (5%).

## Typical Course Content and Topics

|                 |                                                                                                                                                                           |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Week 1          | An introduction to policy analysis.                                                                                                                                       |
| Weeks 2 to 4:   | Broadcasting policy in Canada: <ul style="list-style-type: none"> <li>• A concise history;</li> <li>• Key issues;</li> <li>• The government's role.</li> </ul>            |
| Weeks 5 to 7:   | Multiculturalism and the state in Canada: <ul style="list-style-type: none"> <li>• A concise history;</li> <li>• Key issues;</li> <li>• The government's role.</li> </ul> |
| Weeks 8 to 10:  | The state and the arts in Canada: <ul style="list-style-type: none"> <li>• A concise history;</li> <li>• Key issues;</li> <li>• The government's role.</li> </ul>         |
| Weeks 11 to 13: | The state and indigenous media in Canada: <ul style="list-style-type: none"> <li>• A concise history;</li> <li>• Key issues;</li> <li>• The government's role.</li> </ul> |



ORIGINAL COURSE IMPLEMENTATION DATE: January 1997  
 REVISED COURSE IMPLEMENTATION DATE: January 2019  
 COURSE TO BE REVIEWED (six years after UEC approval): May 2024  
 Course outline form version: 10/27/2017

## OFFICIAL UNDERGRADUATE CROSS-LISTED OUTLINE FORM

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

|                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                                                                        |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> SOC 334                                                                                                                                                                                                                                                                                                                                                                                                                 |  | <b>Number of Credits:</b> 4 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                 |  |
| <b>Course Full Title:</b> Cultural Policy in Canada<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 Social Sciences                                                                                                                                                                                                                                                                                                                                                                                                             |  | <b>Department (or program if no department):</b> Social, Cultural & Media Studies                                                                                                                                                                                                                                                                                      |  |
| <b>Official Course Outline:</b><br>This is a cross-listed course. Please refer to <b>MACS 334</b> for the official course outline.                                                                                                                                                                                                                                                                                                                     |  |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Calendar Description:</b><br>Examines the essential role played by the federal government in shaping and supporting culture in Canada. Explores Ottawa's involvement in such areas as radio and television broadcasting, Indigenous media, the fine and performing arts, and multiculturalism.<br><br>Note: This course is offered as MACS 334 and SOC 334. Students may take only one of these for credit.                                         |  |                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                        |  | 45 university-level credits, including three credits of AH, MACS, or SOC.                                                                                                                                                                                                                                                                                              |  |
| <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>SCMS 334</b><br>Cross-listed with: <b>MACS 334</b><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>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 revised outline for rearticulation:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, fill in transfer credit form.)</i> |  |
| <b>Department / Program Head or Director:</b> Martha Dow                                                                                                                                                                                                                                                                                                                                                                                               |  | <b>Date approved:</b> March 26, 2018                                                                                                                                                                                                                                                                                                                                   |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                        |  | <b>Date approved:</b> April 6, 2018                                                                                                                                                                                                                                                                                                                                    |  |
| <b>Dean/Associate VP:</b> Jacqueline Nolte                                                                                                                                                                                                                                                                                                                                                                                                             |  | <b>Date approved:</b> April 6, 2018                                                                                                                                                                                                                                                                                                                                    |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                  |  | <b>Date of posting:</b> May 11, 2018                                                                                                                                                                                                                                                                                                                                   |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                |  | <b>Date of meeting:</b> May 18, 2018                                                                                                                                                                                                                                                                                                                                   |  |

**Memo for Math 084 Course Review**

To: FACE Curriculum Committee, Dr. Sue Brigden

From: Darlene Carson

Date: February 2018

**Subject: Proposal for revision of Math 084 course outline**

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 course is due for the six year review. The course description needed to be revised and shortened to fit the current requirements.

In two instances, the wording of the outcomes were changed; however, we did not change the outcomes being taught.
3. If there are substantial changes to the learning outcomes, explain how they align with the learning outcomes of the program(s):

There are not any substantial changes to the learning outcomes.
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)?

Upgrading and University Preparation Department including the Math working group were consulted.
6. What consideration has been given to indigenizing the curriculum?

Content will be included when possible and instructors are encouraged to give territory acknowledgement.
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:

Students are required to have a basic scientific calculator and the textbook. The textbook is specifically compiled for Math 084 and is available at the UFV Bookstore for \$220.00. However this book has been used for at least three years and is available used at sites like Books2go for generally under \$100. An adequate calculator for Math 084 can be purchased for under \$20.00.

**CWC comments and responses:**

- Learning outcomes do not appear to match those in the linked ABE guide; please confirm whether these require revision, or clarify how they correspond to the outcomes in the linked document.

*The comparison of the Math 084 outcomes to the ABE Advanced Level - Developmental Mathematics outcomes is attached.*

*While the phrasing of the Math 084 official outcomes seems different than the ABE Advanced Level Developmental Math outcomes, they are consistent in content (as presented in the attached outcome mapping table), with one minor inconsistency in the optional outcomes pertaining to geometry: Math 084 emphasizes finding the perimeter, area, volume, and surface area of geometrical objects rather than working with congruence theorems. This is for the purposes of preparing our students for success in future courses within the institution. In addition to the ABE outcomes, Math 084 also emphasizes the use of function notation and graphing to better prepare our students for transition into subsequent courses at UFV.*

*It should be noted that this course outline was presented and discussed at the 2018 ABE Articulation meeting, and was accepted pending internal institutional approval. If the CWC feels that including the link to ABE Developmental Math Outcomes is inappropriate, even though we feel it is, we are prepared to leave the course as is without including the link to ABE Developmental Math outcomes. However, we believe the outcomes have adequate consistency.*



ORIGINAL COURSE IMPLEMENTATION DATE: September 2004  
 REVISED COURSE IMPLEMENTATION DATE: January 2019  
 COURSE TO BE REVIEWED: (six years after UEC approval) May 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> MATH 084                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                                                |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Course Full Title:</b> Introductory Algebra and Trigonometry                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                                                |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Course Short Title (if title exceeds 30 characters):</b> Intro Algebra and Trigonometry                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                                                |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Faculty:</b> Faculty of Access and Continuing Education                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | <b>Department (or program if no department):</b> Upgrading and University Preparation                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                                                |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Calendar Description:</b><br><br>Provides skills in algebraic manipulations to satisfy MATH 085 prerequisites.<br>Note: This course can be used as a math credit for the UUP Advanced Level certificate, the Provincial Adult Dogwood, or as preparation for some vocational, career, and technical programs.                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                                                |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | One of the following: (MATH 072 or MATH 076), (Foundations of Mathematics and Pre-calculus 10 with at least a C), (Principles of Mathematics 11, Applications of Mathematics 11, Foundations of Mathematics 11, or Pre-calculus 11 with at least a C-), or UUP department permission (assessment may be required).                                                                                                                                                                                                                           |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                                                |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <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>N/A</b><br>Cross-listed with: <b>N/A</b><br>Equivalent course(s): <b>N/A</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 type="checkbox"/> Yes <input checked="" 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><br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                                                |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Total Hours: 90</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: center;">60</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: Individual and group work</td><td style="text-align: center;">30</td></tr> <tr><td style="text-align: right;"><b>Total</b></td><td style="text-align: center;"><b>90</b></td></tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 60 | Seminars/tutorials/workshops |  | Laboratory hours |  | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: Individual and group work | 30 | <b>Total</b> | <b>90</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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 60        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                                                |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                                                |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                                                |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                                                |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                                                |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                                                |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Other contact hours: Individual and group work                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 30        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                                                |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>90</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                                                |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | <b>Maximum enrolment (for information only):</b> 24<br><br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> 2 sections per semester                                                                                                                                                                                                                                                                                                                                                         |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                                                |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Department / Program Head or Director:</b> Greg St. Hilaire                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | <b>Date approved:</b> February 28, 2018                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                                                |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | <b>Date approved:</b> March 2, 2018                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                                                |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | <b>Date of posting:</b> April 13, 2018                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                                                |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Dean/Associate VP:</b> Dr. Sue Brigden                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | <b>Date approved:</b> March 2, 2018                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                                                |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | <b>Date of meeting:</b> May 18, 2018                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                                                |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |

**Learning Outcomes**

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

1. Perform operations on rational numbers.
2. Solve problems involving calculating volumes and surface areas of spheres, right cones, cylinders, prisms and pyramids.
3. Solve first-degree equations, in one variable, including those involving parentheses; solve formulas for a given variable and solve practical problems that involve using a first-degree equation.
4. Solve first-degree inequalities in one variable.
5. Describe and represent linear relations using words, ordered pairs, tables of values, graphs, and equations.
6. Determine slope and x and y intercepts given a linear equation or its graph.
7. Use the Cartesian coordinate system to graph linear equations including the forms  $x = a$  and  $y = b$ .
8. Explain slopes in terms of rates of change, including slopes of parallel and perpendicular lines.
9. Determine the characteristics of the graphs of linear relations given in various forms (slope-intercept, general, or slope-point).
10. Determine the equation of a linear relation given its graph, its slope and a point on the line, or two points on the line.
11. Represent a linear function using function notation.
12. Interpret and explain the relationships among data, graphs, and situations.
13. Determine if a given relation is a function.
14. Determine the domain and range of graphs of functions.
15. Simplify expressions involving powers with integral exponents, including scientific notation.
16. Use polynomial terminology when appropriate.
17. Simplify, evaluate, and perform operations on polynomials.
18. Factor polynomials using various strategies, including the greatest common factor (GCF), special factoring, and factoring trinomials with leading coefficient equal to 1 as well as different than 1.
19. Solve quadratic equations using the Law of Zero Products.
20. Evaluate rational expressions and determine input values for which the rational expression is undefined.
21. Simplify and perform operations on rational expressions.
22. Solve a system of first degree equations in two variables by graphing, substitution, and elimination methods.
23. Use a system of equations to solve practical problems.
24. Solve practical problems involving inequalities in two variables, including graphing the solution set in a system of coordinates.
25. Use rational exponents to represent radicals of various degrees.
26. Graph basic radical functions.
27. Simplify, evaluate, and perform basic operations on radical expressions including variable radical expressions.
28. Solve radical equations restricted to one radical.
29. Solve problems involving right triangles using the sine, cosine, or tangent ratios; the Pythagorean Theorem; special triangles; and the angle sum property of triangles.

After completion of MATH 084, students will meet the outcomes described in the Advanced Level – Developmental Mathematics in the 2016 – 2017 Adult Basic Education Articulation Guide available at:

[https://www2.gov.bc.ca/assets/gov/education/post-secondary-education/adult-education/abe\\_guide.pdf](https://www2.gov.bc.ca/assets/gov/education/post-secondary-education/adult-education/abe_guide.pdf) (accessed from the 2017 – 2018 guide, November 2017)

**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 with problem practice sessions; Guided individual 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. A Tussy, R Gustafson    | Introductory Algebra & Trigonometry – Custom Edition | <input checked="" type="checkbox"/> | Nelson Education | 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.)**

Scientific calculator

**MATH 084**

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

**Page 3 of 3**

**Typical Evaluation Methods and Weighting**

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

**Details (if necessary):**

**Typical Course Content and Topics**

1. Real Numbers
2. Geometry
3. Algebraic expressions, equations, and inequalities
4. Graphs, Linear Relations and Functions
5. Exponents and Polynomials
6. Factoring and Quadratic Equations
7. Rational Expressions
8. Systems of Equations
9. Roots and Radicals
10. Trigonometry

| <b>Math 084</b>                                                                                                                                                                                       | <b>ABE Developmental</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Perform operations on rational numbers.                                                                                                                                                            | 1. Operations with Real Numbers<br>a) write fractions as decimals and repeating decimals as fractions<br>b) add, subtract, multiply and divide rational numbers<br>c) evaluate powers with rational bases and integer exponents<br>d) demonstrate the order of operations with rational numbers<br>e) evaluate radicals with rational radicands and distinguish between exact answers and approximate answers<br>f) simplify, add, subtract, multiply and divide square roots |
| 2. Solve problems involving calculating volumes and surface areas of spheres, right cones, cylinders, prisms and pyramids.                                                                            | D. Geometry (optional requirement)                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 3. Solve first-degree equations, in one variable, including those involving parentheses; solve formulas for a given variable and solve practical problems that involve using a first-degree equation. | 2. First Degree Equations and Inequalities<br>a) solve first degree equations, in one variable, including those involving parentheses<br>b) solve formulas for a given variable when other variables are known<br>c) solve formulas for a given variable<br>e) solve practical problems that can be solved using a first degree equation                                                                                                                                      |
| 4. Solve first-degree inequalities in one variable.                                                                                                                                                   | 2. First Degree Equations and Inequalities<br>d) solve first degree inequalities in one variable                                                                                                                                                                                                                                                                                                                                                                              |
| 5. Describe and represent linear relations using words, ordered pairs, tables of values, graphs, and equations.                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 6. Determine slope and x and y intercepts given a linear equation or its graph.                                                                                                                       | 5. Linear Equations<br>b) given a linear equation or its graph, determine its<br>i. slope<br>ii. x- and y-intercepts                                                                                                                                                                                                                                                                                                                                                          |
| 7. Use the Cartesian coordinate system to graph linear equations including the forms $x = a$ and $y = b$ .                                                                                            | 5. Linear Equations<br>a) graph a linear equation including the forms $x = a$ and $y = b$                                                                                                                                                                                                                                                                                                                                                                                     |
| 8. Explain slopes in terms of rates of change, including slopes of parallel and perpendicular lines.                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 9. Determine the characteristics of the graphs of linear relations given in various forms (slope-intercept, general, or slope-point).                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

|                                                                                                                                                                                                           |                                                                                                                                                                                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10. Determine the equation of a linear relation given its graph, its slope and a point on the line, or two points on the line.                                                                            | 5. Linear Equations<br>c) determine the equation of a line, $y = mx + b$ , given<br>i. its graph<br>ii. its slope and a point on the line<br>iii. two points on the line                                                                                      |
| 11. Represent a linear function using function notation.                                                                                                                                                  |                                                                                                                                                                                                                                                               |
| 12. Interpret and explain the relationships among data, graphs, and situations.                                                                                                                           |                                                                                                                                                                                                                                                               |
| 13. Determine if a given relation is a function.                                                                                                                                                          |                                                                                                                                                                                                                                                               |
| 14. Determine the domain and range of graphs of functions.                                                                                                                                                |                                                                                                                                                                                                                                                               |
| 15. Simplify expressions involving powers with integral exponents, including scientific notation.                                                                                                         | 3. Polynomials<br>b) apply the laws of exponents to variable expressions with integral exponents                                                                                                                                                              |
| 16. Use polynomial terminology when appropriate.                                                                                                                                                          | 3. Polynomials<br>a) distinguish between monomials, binomials, trinomials and other polynomials (in one variable only)                                                                                                                                        |
| 17. Simplify, evaluate, and perform operations on polynomials.                                                                                                                                            | 3. Polynomials<br>c) evaluate polynomials by substitution<br>d) add, subtract, and multiply polynomials                                                                                                                                                       |
| 18. Factor polynomials using various strategies, including the greatest common factor (GCF), special factoring, and factoring trinomials with leading coefficient equal to 1 as well as different than 1. | 3. Polynomials<br>e) factor polynomials by removing the largest common factor<br>f) factor binomials of the form $a^2x^2 - b^2y^2$ and trinomials of the form $x^2 + bx + c$<br><i>Optional Outcomes:</i><br>h) factor trinomials of the form $ax^2 + bx + c$ |
| 19. Solve quadratic equations using the Law of Zero Products.                                                                                                                                             | 3. Polynomials<br>g) solve quadratic equations using the law of zero products                                                                                                                                                                                 |
| 20. Evaluate rational expressions and determine input values for which the rational expression is undefined.                                                                                              | 4. Rational Expressions and Equations<br>b) determine values for which a rational expression is undefined                                                                                                                                                     |
| 21. Simplify and perform operations on rational expressions.                                                                                                                                              | 4. Rational Expressions and Equations<br>a) simplify, by factoring, rational expressions consisting of polynomial numerators and either monomial, binomial, or trinomial denominators                                                                         |

|                                                                                                                                                                              |                                                                                                                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                              | c) multiply and divide rational expressions<br>d) add and subtract rational expressions consisting of monomial and/or binomial denominators                                                                                    |
| Included in Math 075 & 076; covered throughout Math 084 content, particularly in 3. And 29.                                                                                  | 4. Rational Expressions and Equations<br>e) solve simple rational equations and check solutions                                                                                                                                |
| 22. Solve a system of first degree equations in two variables by graphing, substitution, and elimination methods.                                                            | 6. Systems of Linear Equations<br>a) solve a system of first degree equations in two unknowns by graphing, substitution, and elimination methods<br>b) solve practical problems that can be solved using a system of equations |
| 23. Use a system of equations to solve practical problems.                                                                                                                   | 6. Systems of Linear Equations<br>b) solve practical problems that can be solved using a system of equations                                                                                                                   |
| 24. Solve practical problems involving inequalities in two variables, including graphing the solution set in a system of coordinates.                                        |                                                                                                                                                                                                                                |
| 25. Use rational exponents to represent radicals of various degrees.                                                                                                         |                                                                                                                                                                                                                                |
| 26. Graph basic radical functions.                                                                                                                                           |                                                                                                                                                                                                                                |
| 27. Simplify, evaluate, and perform basic operations on radical expressions including variable radical expressions.                                                          | 7. Radical Expressions and Equations<br>a) simplify square roots with variable radicands<br>b) add, subtract, multiply and divide square roots with variable radicands                                                         |
| 28. Solve radical equations restricted to one radical.                                                                                                                       | 7. Radical Expressions and Equations<br>c) solve equations with one square root containing a polynomial radicand and check for extraneous solutions                                                                            |
| 29. Solve problems involving right triangles using the sine, cosine, or tangent ratios; the Pythagorean Theorem; special triangles; and the angle sum property of triangles. | 8. Trigonometry<br>a) solve right triangles using one or more of<br>i. the sine ratio<br>ii. the cosine ratio<br>iii. the tangent ratio<br>iv. the Pythagorean theorem<br>v. the angle sum property of triangles               |

## UNDERGRADUATE EDUCATION COMMITTEE MEMBERSHIP 2018/19



| 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)                                           | 08-01-2016 to 07-31-2019 | Teresa Arroliga Piper, Faculty of Humanities                 |
| Faculty                                                     | 08-01-2016 to 07-31-2019 | Samantha Pattridge, 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 | Vacant                                                       |
| Faculty                                                     | 08-01-2016 to 07-31-2019 | Eric Spalding, Faculty of Social Sciences (Chair)            |
| Faculty                                                     | 08-01-2018 to 07-31-2020 | Vacant                                                       |
| Faculty                                                     | 08-01-2016 to 07-31-2019 | Ben Vanderlei, Faculty of Science                            |
| Faculty                                                     | 08-01-2016 to 07-31-2019 | Ceilidh Hart, 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 | Alisa Webb, Associate Dean, College of Arts                  |
| <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 (senator)                                           | 08-01-2018 to 07-31-2019 | Esther Jimenez Atochero, College of Arts                     |
| Student (senator)                                           | 08-01-2018 to 07-31-2019 | Rajdeep Dhaliwal, Faculty of Access and Continuing Education |
| Associate VP, Teaching and Learning (or designate)          | Ongoing                  | Mary Saudelli (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, 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: 25 members - 18 voting members and 7 non-voting members

Quorum: Fifty percent (50%) of voting membership (not including vacancies)

Current as of May 8, 2018



ORIGINAL COURSE IMPLEMENTATION DATE:

REVISED COURSE IMPLEMENTATION DATE:

COURSE TO BE REVIEWED (six years after UEC approval):

Course outline form version: 10/27/2017 05/18/2018

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

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

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |          |                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------|--|-----------------------------|--|--------------------------------------------------------------|--|------------------------------|--|----------------------|--|--------------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Course Code and Number:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Number of Credits: <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |          |                                                                                                                                                                                                                                                                                                                                                   |
| <b>Course Full Title:</b><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>                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |          |                                                                                                                                                                                                                                                                                                                                                   |
| Faculty: Choose an item.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Department (or program if no department):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |          |                                                                                                                                                                                                                                                                                                                                                   |
| <b>Calendar Description:</b><br><p>The calendar description should be written in third-person active voice with approximately 40-55 words. Make the description clear, brief, and informative; eliminate redundant words and phrases; don't repeat what's in the course title. Sentence fragments are acceptable. Beginning the description with "this course is" is not necessary.</p> <p>Note: Students with credit for _____ cannot take this course for further credit.</p>                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |          |                                                                                                                                                                                                                                                                                                                                                   |
| Prerequisites (or NONE):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |          |                                                                                                                                                                                                                                                                                                                                                   |
| Corequisites (if applicable, or NONE):                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |          |                                                                                                                                                                                                                                                                                                                                                   |
| Pre/corequisites (if applicable, or 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 type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, topic will be recorded when offered.)</i><br><i>(Double-click on box to select it as checked.)</i><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>(The specific 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 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></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><b>Total hours</b></td> <td><b>0</b></td> </tr> </table> | Lecture/seminar hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | Tutorials/workshops |  | Supervised laboratory hours |  | Experiential (field experience, practicum, internship, etc.) |  | Supervised online activities |  | Other contact hours: |  | <b>Total hours</b> | <b>0</b> | <b>Transfer Credit</b><br>Transfer credit already exists: (See <a href="#">bctransferguide.ca</a> )<br><input type="checkbox"/> No <input type="checkbox"/> Yes<br>Submit <del>revised</del> outline for <del>(re)</del> articulation:<br><input type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, fill in transfer credit form.)</i> |
| Lecture/seminar hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |          |                                                                                                                                                                                                                                                                                                                                                   |
| Tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |          |                                                                                                                                                                                                                                                                                                                                                   |
| Supervised laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |          |                                                                                                                                                                                                                                                                                                                                                   |
| Experiential (field experience, practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |          |                                                                                                                                                                                                                                                                                                                                                   |
| Supervised online activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |          |                                                                                                                                                                                                                                                                                                                                                   |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |          |                                                                                                                                                                                                                                                                                                                                                   |
| <b>Total hours</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>0</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |          |                                                                                                                                                                                                                                                                                                                                                   |
| Labs to be scheduled independent of lecture hours: <input type="checkbox"/> No <input type="checkbox"/> Yes                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |          |                                                                                                                                                                                                                                                                                                                                                   |
| Department / Program Head or Director:                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Date approved:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |          |                                                                                                                                                                                                                                                                                                                                                   |
| Faculty Council approval                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Date approved:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |          |                                                                                                                                                                                                                                                                                                                                                   |
| Dean/Associate VP:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Date approved:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |          |                                                                                                                                                                                                                                                                                                                                                   |
| Campus-Wide Consultation (CWC)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Date of posting:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |          |                                                                                                                                                                                                                                                                                                                                                   |
| Undergraduate Education Committee (UEC) approval                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Date of meeting:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                     |  |                             |  |                                                              |  |                              |  |                      |  |                    |          |                                                                                                                                                                                                                                                                                                                                                   |

[COURSE]

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:

- 5-12 measurable outcomes; departments can consult with Teaching and Learning for assistance if needed.

## 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.*)

**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.                         |                                      | <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.*)

Use this section for supplies and materials for all sections of this course.

## Typical Evaluation Methods and Weighting

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

## Details (if necessary):

## Typical Course Content and Topics

Content related to the learning outcomes can be listed by week, unit, or module. Please provide one or more examples for special topics courses. Approximately 50-250 words.