**Course:** ECON 416 A01 - Cost Benefit Analysis: Principles and Application  
**CRN:** 11160  
**Units:** 1.5  

**Term:** Fall Session 2021 September – December  
**Delivery Model:** Face to Face  
**Delivery Times/Location:** Mondays 1800H to 2100H in COR B135

**Instructor:** Joel Tamosiunas  
**E-Mail:** JoelT@Uvic.ca  
**Office:** Virtual/online via Zoom  
**Office Hours:**  
Mondays 1400H to 1500H: [https://uvic.zoom.us/j/81678112513](https://uvic.zoom.us/j/81678112513)  
Wednesdays 1200H to 1300H: [https://uvic.zoom.us/j/86262556283](https://uvic.zoom.us/j/86262556283)

**Calendar Description**  
This course is an introduction to the principles of cost benefit analysis including: the consideration of welfare economics, the treatment of intangibles, non-efficiency considerations, time discounting, evaluation criteria, and uncertainty and risk.

- **Prerequisites:** ECON 203  
- **Pre- or Co-requisites:** One of ECON 225, ENGL 135 with a minimum grade of B+, ENGL 146 with a minimum grade of B+, ENGL 147 with a minimum grade of B+, ENGR 240.

**Textbook & Materials**  
The textbook for this course is **OPTIONAL/RECOMMENDED.** Older editions of the book are acceptable.

- **Other Reference Materials:** Course notes, assigned readings, and practice problems will be distributed via Brightspace.

**Brightspace**  
Brightspace is used extensively for the course. All students are expected to be fully functional with the system.  
- The lecture notes will be posted in Brightspace. Please note that the lecture notes online are only outlines of the actual lectures.  
- All announcements will be posted in Brightspace. Students are advised to check it frequently.

**Grading**

<table>
<thead>
<tr>
<th>Assessment Activity</th>
<th>Date</th>
<th>Coverage</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quizzes</td>
<td>See Course Schedule</td>
<td>1 per topic</td>
<td>20%</td>
</tr>
<tr>
<td>First Midterm Exam</td>
<td>October 4</td>
<td>Topics 1 &amp; 2</td>
<td>20%</td>
</tr>
<tr>
<td>Second Midterm Exam</td>
<td>November 15</td>
<td>Topics 3 &amp; 4</td>
<td>20%</td>
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<tr>
<td>Final Exam</td>
<td>TBD</td>
<td>Cumulative</td>
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**Grading Scale:**

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<tr>
<th>Grade</th>
<th>90-100</th>
<th>85-89</th>
<th>80-84</th>
<th>77-79</th>
<th>73-76</th>
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<th>65-69</th>
<th>60-64</th>
<th>50-59</th>
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<tbody>
<tr>
<td>A+</td>
<td>A</td>
<td>A-</td>
<td>B+</td>
<td>B</td>
<td>B-</td>
<td>C+</td>
<td>C</td>
<td>D</td>
<td>F or N</td>
<td></td>
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</table>

Students should review the University’s more detailed [summary of grading](#).
## Course Schedule

<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
<th>Details</th>
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</thead>
</table>
| Sept 7 to Sept 10  | **Topic 1**  
  *Introduction to Cost-Benefit-Analysis (CBA)* | Distributed Learning Materials  
  - Ungraded problem set 1  
  - Slide deck 1  
  Note: This will be a virtual unit which can be completed on your own time during the week. |
| Sept 13 to Sept 17 | **Topic 2**  
  *The Economic Foundations of CBA* | Distributed Learning Materials  
  - Ungraded problem set 2  
  - Slide deck 2 |
| Sept 20 to Sept 24 | **Topic 3**  
  *The Rationale for CBA* | Distributed Learning Materials  
  - Ungraded problem set 3  
  - Slide deck 3  
  Note: University closed on Thursday, September 30 (National Day of Truth and Reconciliation) |
| Sept 27 to Oct 1   | **Topic 3 – Cont.**  
  *The Rationale for CBA* | N/A (continuation of Topic 3) |
| Oct 4 to Oct 8     | N/A                                         | **1. Due Date:** [First Midterm Exam – October 4](#)  
  **2. Due Date:** [Quizzes 1 and 2 due prior to the exam](#) |
| Oct 12 to Oct 15   | N/A                                         | **Note:** [No class on Monday, October 11 (Thanksgiving)](#) |
| Oct 18 to Oct 22   | **Topic 3 – Cont.**  
  *The Rationale for CBA* | N/A (continuation of Topic 3) |
| Oct 25 to Oct 29   | **Topic 4**  
  *Calculating Costs and Benefits* | Distributed Learning Materials  
  - Ungraded problem set 4  
  - Slide deck 4 |
| Nov 1 to Nov 5     | N/A                                         | **Note:** Reading break – November 10 to 12 |
| Nov 8 to Nov 12    | **Topic 5**  
  *The Net Present Value (NPV)* | Distributed Learning Materials  
  - Ungraded problem set 5  
  - Slide deck 5  
  **Note:** Reading break – November 10 to 12 |
| Nov 15 to Nov 19   | N/A                                         | **1. Due Date:** [Second Midterm Exam – November 15](#)  
  **2. Due Date:** [Quizzes 3 and 4 due prior to the exam](#) |
| Nov 22 to Nov 26   | **Topic 6**  
  *Uncertainty* | Distributed Learning Materials  
  - Ungraded problem set 6  
  - Slide deck 6 |
| Nov 29 to Dec 3    | **Topic 7**  
  *Basics of Valuing Non-Market Goods* | Distributed Learning Materials  
  - Ungraded problem set 7  
  - Slide deck 7 |
| Dec 6 to Dec 20    | **Exam Period**                             | **Exam Date TBD**  
  **Due Date:** [Quizzes 5 to 7 due prior to the exam](#) |
Course Policies
This course adheres to the Undergraduate Course Policies of the Department of Economics that deal with the issues listed below. It is your responsibility to familiarize yourself with these policies.

- Academic concessions
- Academic integrity (plagiarism and cheating)
- Attendance
- Grading
- Inclusivity and diversity
- Late adds
- Late assignments
- Repeating courses
- Review of an assigned grade
- Sexualized violence prevention and response
- Students with a disability
- Term assignments and debarment from examinations
- Travel plans
- Waitlists

Examinations
Attendance at all scheduled examinations is mandatory. Consideration for missed examinations will be given only on the basis of documented illness, accident or family affliction, and for no other reasons. In the event of a missed final examination, students are advised to follow the procedures outlined in the University Calendar.

Missed midterms: Make-up exams for midterms will not be given. In the event that you miss one midterm due to illness or family affliction, the weight of the missed exam will be shifted to the final exam. In the event that you miss a second exam due to illness or family affliction, please consult https://www.uvic.ca/registrar/students/appeals/acad-concession/index.php to determine whether you qualify for a late drop or a withdrawal under extenuating circumstances.

Final exam schedule: Students are advised not to make work or travel plans until after the examination timetable has been finalized. Students who wish to finalize their travel plans at an earlier date should book flights that depart after the end of the examination period. There will be no special accommodation if travel plans conflict with the examination.

Course Experience Survey (CES)
I value your feedback on this course. Towards the end of term you will have the opportunity to complete a confidential course experience survey (CES) regarding your learning experience. The survey is vital to providing feedback to me regarding the course and my teaching, as well as to help the department improve the overall program for students in the future.

When it is time for you to complete the survey, you will receive an email inviting you to do so. If you do not receive an email invitation, you can go directly to the CES log-in. You will use your UVic NetLink ID to access the survey, which can be completed on your laptop, tablet or mobile device. I will remind you nearer the time, but please be thinking about this important activity, especially the following three questions, during the course.

- What strengths did your instructor demonstrate that helped you learn in this course?
- Please provide specific suggestions as to how the instructor could have helped you learn more effectively.
- Please provide specific suggestions as to how this course could be improved.