



Department of Economics Course Outline

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| Course: | Economics 377 Economics and the Environment | Term: | Summer 2014 |
| Time: | MW 15:00 - 17:45 | Section: | 01 |
| Instructor: | Dr. L. Vojtassak | Place: | ST 129 |
| Office: | SS447 | Telephone: | 403-220-6550 |
| Office Hours: | After class | E-mail: | lvojtass@ucalgary.ca |

Textbook(s):

Required: Tietenberg, Tom, Elizabeth Wilman, and Peter Tracey, *Environmental Economics and Policy*, Canadian Edition, Pearson 2009.

Book(s) on Reserve: None

Desire2Learn: This course will make use of the Desire2Learn (D2L) platform. Students who are registered in the course can log on at <http://d2l.ucalgary.ca> or through their student centre. Please note that D2L features a class e-mail list that may be used to distribute course-related information. It is your responsibility to ensure that D2L uses the e-mail address of your choice. The default is your University of Calgary e-mail address.

Course Outline:

This course examines the links between economic activity and environmental degradation. Topics include the valuation of environmental amenities, the use of incentives in regulation, the economics and environmental effects of market failure and the rationale for government intervention.

Course material will follow a sequence similar to that of the textbook. However, students are encouraged to read the appropriate chapters in the supplementary textbooks to benefit from additional explanations and examples. In addition, it may occasionally be necessary to draw from additional sources. If so, students will be provided with the appropriate references.

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|-------------|---|------------|
| I | Vision of the Future | Chapter 1 |
| II | Basic Concepts | |
| | • Valuing the Environment: Concepts | Chapter 2 |
| | • Valuing the Environment: Methods | Chapter 3 |
| | • Property Rights, Externalities & Environmental Problems | Chapter 4 |
| | • Sustainable Development: Defining the Concept | Chapter 5 |
| III | Overview of Environmental Economics | Chapter 6 |
| IV | Air Pollution | |
| | • Stationary-Source: Local and Regional Air Pollution | Chapter 7 |
| | • Mobile Source Air Pollution | Chapter 8 |
| V | Water and Water Pollution | Chapter 9 |
| VI | Waste | Chapter 10 |
| VII | Biodiversity | |
| | • Forest Habitat | Chapter 11 |
| | • Commercially Valuable Species | Chapter 12 |
| VIII | Vision of the Future Revisited | Chapter 14 |

Grade Determination and Final Examination Details:

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|--------------|-----|-------------------------------------|
| Midterm Test | 30% | Wednesday, July 28, 2014 |
| Assignment | 20% | Monday, August 11, 2014 |
| Final Exam | 50% | Scheduled by the Registrar's Office |

The midterm exam will be held in class on the date indicated. The time and location of the final exam, which will be two hours in length, will be scheduled by the Registrar's Office. Exam questions may consist of multiple choice questions. The use of a non-programmable calculator during exams is permitted. The use of graphing calculators, computers, and cell phones is not permitted.

The midterm exam, assignment, and the final exam are marked on a numerical basis. The grades are then added using the weights indicated above. As a guide to determining standing, these letter grade equivalences will apply:

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|----|----------|----|---------|----|---------|
| A+ | 95 - 100 | B | 74 - 78 | C- | 60 - 62 |
| A | 89 - 94 | B- | 70 - 73 | D+ | 56 - 59 |
| A- | 84 - 88 | C+ | 67 - 69 | D | 50 - 55 |
| B+ | 79 - 83 | C | 63 - 66 | F | 0 - 49 |

Notes:

1. Students should be aware that no "make-up" midterms will be given. Any student who finds it necessary to miss the midterm must notify the instructor in advance and produce a valid medical certificate or other required documentation in order to have the weighting adjusted. This adjustment will result in the final exam counting for 80% of the final grade and the assignments counting for 20% of the final grade.
2. Examinations will not be given prior to the scheduled date.
3. **Answers to the midterm test, the assignment and the final exam questions must make use of equations and diagrams wherever possible. Numerical questions require numerical answers.**
4. **Students will not be given extra time to complete tests and exams.**
5. Students should be aware of the academic regulations outlined in The University of Calgary Calendar.
6. **The use of cell phones for any purpose in class is prohibited. The classroom is a no cell phone zone. Computers may only be used for note-taking purposes.**
7. Students seeking reappraisal of a piece of graded term work should discuss their work with the instructor within 7 days of work being returned to class; however, the earliest that grades will be discussed will be two days after the return of an assignment or examination.
8. Students will be responsible for all material listed on the course outline, regardless of whether or not the material has been covered in class, unless the instructor notifies the class that the material will not be covered.
9. Please note that the following types of emails will receive no response: emails not addressed to anyone in particular; emails where the recipient's name is not spelled correctly; anonymous emails; emails which do not specify the course and section in which you are registered; and, emails involving questions that are specifically addressed on the course outline.
10. It is the student's responsibility to request academic accommodations. If you are a student with a documented disability who may require academic accommodation and have not registered with the Disability Resource Centre, please contact their office at 403-220-8237. Students who have not registered with the Disability Resource Centre are not eligible for formal academic accommodation. **You are also required to discuss your needs with your instructor no later than seven (7) days after the start of this course.**

Students' Union Vice-President Academic:

Hana Kadri

Phone: 403-220-3911

E-mail suvpaca@ucalgary.ca

Students' Union Faculty Representative (Arts)

Phone: 403-220-3913 Office: MSC 251

E-mail arts1@su.ucalgary.ca, arts2@su.ucalgary.ca, arts3@su.ucalgary.ca, arts4@su.ucalgary.ca

Society of Undergraduates in Economics (S.U.E.):

www.ucalgary.ca/sue

Society of Undergraduates in Economics is a student run organization whose main purpose is to assist undergraduate economics students succeed both academically and socially at the University of Calgary. Services include access to the exam bank, career partnerships with the Career Centre through hosting industry nights and information sessions, recognizing achievements in teaching, and organizing social events for members. They invite you to join by contacting sue@ucalgary.ca.

Faculty of Arts Program Advising and Student Information Resources

- Have a question, but not sure where to start? The Faculty of Arts Program Information Centre (PIC) is your information resource for everything in Arts! Drop in at SS102, call them at 403-220-3580 or email them at artsads@ucalgary.ca. You can also visit the Faculty of Arts website at <http://arts.ucalgary.ca/undergraduate> which has detailed information on common academic concerns.
- For program planning and advice, contact the Student Success Centre (formerly the Undergraduate programs Office) at 403-220-5881 or visit them on the 3rd Floor of the Taylor Family Digital Library.
- For registration (add/drop/swap), paying fees and assistance with your Student Centre, contact Enrolment Services at 403-210-ROCK [7625] or visit them in the MacKimmie Library Block.
- Online writing resources are available at <http://ucalgary.ca/ssc/writing-support/online-writing-resources>

Safewalk / Campus Security: 403-220-5333

Emergency Assembly Point: Professional Faculties Food Court

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2014-03-20