



## Department of Economics Course Outline

		<b>Term:</b>	Fall 2008
<b>Course:</b>	Economics 499, Topic 77 [Topics in the Economics of the Environment]	<b>Section:</b>	02
<b>Time:</b>	TR 14:00 – 15:50	<b>Place:</b>	EDC 287
<b>Instructor:</b>	Dr. E. A. Wilman		
<b>Office:</b>	SS 542	<b>Telephone::</b>	220-6108
<b>Office hours:</b>	TR 14:00 – 15:15 or by appointment	<b>E-mail:</b>	<a href="mailto:ewilman@ucalgary.ca">ewilman@ucalgary.ca</a>

### Textbook(s):

Charles D. Kolstad, *Environmental Economics*. (Oxford University Press, 2000).

**Book(s) on Reserve:** The textbook is intended as the main reading for the course. Other materials pertinent to class discussions will be made available on the course Home page at <http://blackboard.ucalgary.ca/webapps/login>

These materials include:

*American Journal of Agricultural Economics*. 1995. 77(2)  
<http://www.jstor.org.ezproxy.lib.ucalgary.ca/journals/00029092.html>

*Canadian Public Policy*. 2002. 28(4).  
<http://www.jstor.org.ezproxy.lib.ucalgary.ca/journals/03170861.html>

*Oxford Economic Papers*. 1994. 46. Special Issue on Environmental Economics.  
<http://www.jstor.org.ezproxy.lib.ucalgary.ca/journals/00307653.html>

*Oxford Review of Economic Policy*. 2003. 19(3).  
<http://oxrep.oxfordjournals.org.ezproxy.lib.ucalgary.ca/archive/index.dtl>

**Course Outline:**

- **Introduction: Sept. 9-18.**
  - Chapter 3: Social Choice: How Much Environmental Protection?
  - Marian Weber and Wiktor Adamowicz. 2002. Tradable Land Use Rights for Cumulative Environmental Effects Management. *Canadian Public Policy*. 28(4):581-595.
  
- **Markets and Market Failures: Sept. 23-Oct. 14**
  - Chapter 4: Efficiency and Markets
  - Chapter 5: Market Failure: Public Bads and Externalities
  - Chapter 6: Property Rights
  - Chapter 7: Pigovian Fees.
  
- **Midterm Exam: Oct. 16.**
  
- **Government Policies to Regulate Pollution: Oct. 21-Nov. 13.**
  - Chapter 8: Regulating Pollution
  - Chapter 9: Emission Fees and Marketable Permits
  - Tom Tietenberg. 2003. The Tradable-Permits Approach to Protecting the Commons: Lessons for Climate Change. *Oxford Review of Economic Policy*. 19(3): 400-419.
  - Chapter 10: Regulation with Unknown Control Costs
  - Chapter 11: Audits, Enforcement and Moral Hazard
  
- **Midterm Exam: Nov. 18.**
  
- **International Issues: Nov. 20-27.**
  - Chapter 13: International and Interregional Competition
  - Scott Barrett. 1994. Self Enforcing International Environmental Agreements. *Oxford Economic Papers*. 46: 878-894.
  
- **Policies for Green Design: Dec. 1-4.**
  - G.C. van Kooten, C.S. Binkley and G. Delacourt. 1995. Effect of Carbon Taxes and Subsidies on Optimal Forest Rotation Age and Supply of Carbon Services. *American Journal of Agricultural Economics*. 77(2): 365-374
  - Robert Mendelsohn. 1994. Property Rights and Tropical Deforestation. *Oxford Economic Papers*. 46: 750-756.
  - Timothy Swanson. 1994. The Economics of Extinction Revisited and Revised: A generalized Framework for the Analysis of the Problems of Endangered Species and Biodiversity Losses. *Oxford Economic Papers* 46: 800-821.

**Grade Determination and Final Examination Details:**

Midterm 1	20%	
Midterm 2	20%	
Term Paper	25%	
Final Examination	35%	Scheduled by the Registrar

A two hour final examination to be held in a classroom will be comprehensive and scheduled by the Registrar's Office.

Tests and final exams are marked on a numerical (percentage) basis, then converted to letter grades. The course grade is then calculated using the weights indicated above. As a guide to determining standing, these letter grade equivalences will generally apply:

A+	95 - 100	B	77 - 81	C-	61 - 65
A	90 - 94	B-	74 - 76	D+	56 - 60
A-	87 - 89	C+	71 - 73	D	51 - 55
B+	82 - 86	C	66 - 70	F	0 - 50

If, for some reason, the distribution of grades determined using the aforementioned conversion chart appears to be abnormal the instructor reserves the right to change the grade conversion chart if the instructor, *at the instructor's discretion*, feels it is necessary to more fairly represent student achievement.

A passing grade on any particular component of the course is not required for a student to pass the course as a whole.

Non-programmable calculators will be allowed during the writing of tests or final examinations.

Tests and exams will be short answer and essay. Content and organization will be the grading basis.

Specific instructions regarding the assignments will be discussed during the first two weeks of class.

Students' Union Vice-President, Academic

Pamela Weatherbee

Phone: 220-3911

E-mail: [suypaca@ucalgary.ca](mailto:suypaca@ucalgary.ca)

Students' Union Faculty Representative (Social Sciences)

Teale Phelps-Bondaroff

Phone: 220-3913 Office: MSC 251

E-mail [socialscirep@su.ucalgary.ca](mailto:socialscirep@su.ucalgary.ca) or [clmcdona@ucalgary.ca](mailto:clmcdona@ucalgary.ca)

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

[www.ucalgary.ca/sue/](http://www.ucalgary.ca/sue/)

**Notes:**

- Students seeking reappraisal of a piece of graded term work (term paper, essay, etc.) should discuss their work with the Instructor within *fifteen days* of the work being returned to the class.
- Students are responsible for all material covered in the book, material passed out in class or presented in class lectures.
- Make-up examinations will not be allowed except in cases of extreme personal emergencies. This is only in cases of necessary absence and is at the discretion of the instructor. Exams will not be given before the indicated examination dates.
- 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 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 fourteen (14) days after the start of this course.

Safewalk / Campus Security: 220-5333

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