



Department of Economics Course Outline

		Term:	Winter 2011
Course:	Economics 487 Environmental Economics	Section:	01
Time:	TR 12:30 – 13:45	Place:	SA124A
Instructor:	Dr. E. A. Wilman		
Office:	SS 542	Telephone::	220-6108
Office hours:	TR 10:00-11:00 or by appointment	E-mail:	eawilman@ucalgary.ca

Textbook(s):

Charles D. Kolstad, *Environmental Economics*, 2nd edition. (Oxford University Press, 2010).

Book(s) on Reserve: The textbook is intended as the main reading for the course. Links to journal articles that appear in the required readings are provided below. Other materials pertinent to class discussions will be made available on Blackboard.

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: Jan. 11-20.**
 - 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: Jan. 25-Oct. Feb. 15**
 - Chapter 4: Efficiency and Markets
 - Chapter 5: Market Failure: Public Goods, Public Bads and Externalities
 - Chapter 6: Making Decisions about Environmental Programs
 - Chapter 13 Property Rights
- **First Midterm Exam: Feb 17.**
- **Regulating Pollution: March 1-March 22**
 - Chapter 11: Regulating Pollution
 - Chapter 12: Emissions Fees and Prices.
 - 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 14: Regulating over Space and Time
 - Chapter 15: Regulation with Unknown Control Costs
 - Chapter 16: Audits, Enforcement and Moral Hazard
 - Chapter 17: Voluntary Actions and Agreements
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- **Second Midterm Exam: March 24.**
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- **International Issues: Mar 29-31.**
 - Chapter 12: International and Interregional Competition
 - Scott Barrett. 1994. Self Enforcing International Environmental Agreements. *Oxford Economic Papers*. 46: 878-894.
- **Policies for Green Design: April. 5-15**
 - 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:

First Midterm	20%	
Second Midterm	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

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.

There will be a Registrar scheduled final examination, lasting **2** hours.

Tests and exams will not involve multiple choice questions.

Students' Union Vice-President, Academic

Alyssa Stacy

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

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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.
- 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 fourteen (14) days after the start of this course.

Safewalk / Campus Security: 403-220-5333
Emergency Assembly Location – SS Food Court
