



Department of Economics Course Outline

Term: Winter 2006

Course: Economics 499.77
[Topics in the Economics of the
Environment]

Section: 01

Time: MWF 10:00

Place: ES 653

Instructor: Dr. E.A. Wilman

Office: SS 402

Telephone: 220-6108

Office Hours: MW 11:00-12:00
or by appointment

E-Mail: eawilman@ucalgary.ca

Textbook(s): Charles D. Kolstad, *Fundamental 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:

Oxford Review of Economic Policy. 2003. 19(3). Climate Change Policy, edited by D. Helm and D. Pearce (<http://80-oxrep.oupjournals.org.ezproxy.lib.ucalgary.ca:2048/archive/index.dtl>)

Oxford Economic Papers. 1994. 46. Special Issue on Environmental Economics. <http://80-www.jstor.org.ezproxy.lib.ucalgary.ca:2048/journals/00307653.html>

Journal of Economic Perspectives. 2002. 16(1). <http://www.jstor.org.ezproxy.lib.ucalgary.ca:2048/journals/08953309.html>

American Journal of Agricultural Economics. 1995. 77(2) <http://80-www.jstor.org.ezproxy.lib.ucalgary.ca:2048/journals/00029092.html>

Course Outline:

- **Introduction: January 9-20.**

- Chapter 3: Social Choice: How Much Environmental Protection?

- Dieter Helm. 2003. The Assessment: Climate Change Policy. *Oxford Review of Economic Policy*. 19(3): 349-261.

- David Pearce. 2003. The Social Cost of Carbon and its Implications. *Oxford Review of Economic Policy*. 19(3): 362-38

- **Markets and Market Failures: January 23-February 15**

- Chapter 4: Efficiency and Markets

- Chapter 5: Market Failure: Public Bads and Externalities

- Chapter 6: Property Rights

- Chapter 7: Pigovian Fees.

- **Midterm Exam: February 17.**

- **Government Policies to Regulate Pollution: February 27-March 17.**

- 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
- Dieter Helm, Cameron Hepburn, and Richard Mash. 2003. Credible Carbon Policy. *Oxford Review of Economic Policy*. 19(3): 438-450.

- **Midterm Exam: March 20.**

- **International Issues: March 22-March 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 1-April 12.**

- 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+	96-100	B	77 - 81	C-	61 - 65
A	90 - 95	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

Paige Forsyth

Phone: 220 3011

Students? Union Faculty Representative (Social Sciences)

Teale Phelps-Bondaroff

Phone: 220-3913 Office: MSC 251

E-mail socialscirep@su.ucalgary.ca

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

www.fp.ucalgary.ca/econ

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.

Safewalk / Campus Security: 220-5333

* * * * *

EAW/mi

2006-01-02