



Department of Economics Course Outline

		Term:	Winter 2004
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, *Environmental Economics*. (Oxford University Press, 2000). [Required]

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> .

Course Outline:

- Introduction: January 12-23.
 - Chapter 1: What is Environmental Economics?
 - Chapter 2: Environmental Problems and Policy Solutions
 - Chapter 3: Social Choice: How Much Environmental Protection?
- Markets and Market Failures: January 26-February 13.
 - Chapter 4: Efficiency and Markets
 - Chapter 5: Market Failure: Public Bads and Externalities
 - Chapter 6: Property Rights
 - Chapter 7: Pigovian Fees

- Midterm Exam: February 23.
- Government Policies to Regulate Pollution: February 25-March 19.
 - Chapter 8: Regulating Pollution
 - Chapter 9: Emission Fees and Marketable Permits
 - Chapter 10: Regulation with Unknown Control Costs
 - Chapter 11: Audits, Enforcement and Moral Hazard
 - Chapter 12: Risk and Uncertainty
- Policies for Green Design: March 22-April 2.
 - D. Fullerton and W. Wu. 1998. Policies for Green Design. *Journal of Environmental Economics and Management* 36(2): 131-148-link will be available on Blackboard.
 - 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): 365-74--link will be available on Blackboard.
- Class Presentations: April 5-16.

Grade Determination and Final Examination Details:

Midterm	30%	
Term Paper	35%	
Final Examination	35%	Scheduled by 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, and 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+	97-100	B	77 - 81	C-	61 - 65
A	90 - 96	B-	74 - 76	D+	57 - 60
A-	87 - 89	C+	71 - 73	D	51 - 56
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

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Notes:

- Students seeking reappraisal of a piece of graded term work (term paper, essay, etc.) should discuss their work with the Instructor within two weeks 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

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2003-11-25