



Department of Economics Course Outline

		Term:	Winter 2007
Course:	Economics 499.77 [Topics in the Economics of the Environment]	Section:	01
Time:	MWF 10:00 ? 10:50	Place:	ST 131
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).

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. 1

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 Introduction: January 8-19.

- 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: January 22-February 14

- Chapter 4: Efficiency and Markets
- Chapter 5: Market Failure: Public Bads and Externalities
- Chapter 6: Property Rights
- Chapter 7: Pigovian Fees.

- Midterm Exam: February 16.

Government Policies to Regulate Pollution: February 26-March 16.

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: March 23.

International Issues: March 26-April 4.

- 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 9-April 13.
 - 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.