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Voice: 303 492-8145  
Email: [Nicholas.Flores@Colorado.edu](mailto:Nicholas.Flores@Colorado.edu)  
Office Hours: 3:30 – 4:30 MTWThF and by appointment

Classroom: Econ 119  
Class Meeting Time: MTWThF 12:30 – 3:30 p.m.

#### Required Textbook

Environmental and Natural Resource Economics, 9<sup>th</sup> Edition, by Tom Tietenberg and Lynne Lewis.

#### Course Overview

In this course we will continue your economics education by considering the economic approach to analyzing and solving environmental problems. In addition to learning about the methods that economists use to analyze environmental problems and issues, you will be challenged to frame problems in economic terms and propose solutions to these problems.

#### Prerequisites

To be enrolled in this course, you should have Economics 3818, Economics 3070, and Economics 3080. Simple analytical models will be used throughout the course. You should be comfortable with basic economic models of optimization as well as calculus. If your transcript does not reflect the prerequisite, you need to verify with me that you have successfully completed an equivalent course.

#### Course Components

- **Lecture:** With help from you and your fellow students, we will make class lectures an active learning experience. This means you will be required to discuss lecture material in class (i.e. you will have to think on your feet).
- **In-class Exercises:** Some topics lend themselves to in-class exercises as another way of learning. These exercises will sometimes involve the entire class working together and at other times small groups or individuals working on problems.

- Homework: There will be regular homework assignments that will be turned in and graded by me.
- Team Project: The class will be divided into research teams that will then identify and analyze an environmental problem. The team will provide a joint paper and present findings to the class.
- Midterm Examinations and Finals: There will be two midterm exams and a cumulative final. Make-up exams are not a possibility. If you have a legitimate and verifiable reason for missing a midterm, test reweighting can be used to adjust your final grade. Lacking a legitimate and verifiable reason for missing a midterm will result in a zero for the missed midterm. The final exam is mandatory with no exceptions.

#### Evaluation

Homework	10%
Team Project	15%
Midterm 1	20%
Midterm 2	20%
Final	35%

#### Important Dates

May 11 – First Day of Class

May 15 – Midterm 1

May 22 – Midterm 2

May 29 – Last Day of Class & Final Exam

#### Course Topics

Remembering Intermediate Microeconomics

What distinguishes the economic approach?

Chapter 1 – Visions of the Future

Chapter 2 – Property Rights, Externalities, and Environmental Problems

Chapter 3 – Benefit –Cost Analysis and Other Metrics

Chapter 4 – Valuing the Environment

Chapter 5 – Dynamic Efficiency and Sustainable Development

Chapters 14-18 – The Economics of Pollution Control

Chapter 19 – Toxic Substances and Environmental Justice

Chapter 20 – The Quest for Sustainable Development

Chapter 21 – Population and Development

### Attendance Policy

Daily attendance will be taken for each class. You must attend a minimum of 80% of the lectures in order to pass the course. If you miss more than 20% of the lectures, you will receive an automatic F. A sign-in sheet will be circulated daily. It is your responsibility to make sure that you have signed in for each class.

### Special Accommodations Policy

If you qualify for accommodations because of a disability, please submit to

