

**UNIVERSITY OF COLORADO AT BOULDER, DEPARTMENT OF ECONOMICS
ECON 3545-200: ENVIRONMENTAL ECONOMICS
SUMMER 2009, TERM B**

INSTRUCTOR Deborah Baker
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ASSIGNMENTS AND DATES

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|------------------------|-------------|
| Article Summaries | 7/15 |
| Midterm 1 | 7/17 |
| Paper and Presentation | 7/27 – 7/30 |
| Midterm 2 | 8/3 |
| Final Exam | 8/7 |

A. ARTICLES

On July 15th class time will primarily be devoted to a discussion/debate on the Contingent Valuation method. You will be required to read 3 articles in preparation of the discussion/debate. You must write a 2 page summary on the debate, due at the beginning of class.

B. GROUP PROJECT

In groups of three, students will investigate an existing environmental policy in the United States, identifying the environmental problem, describing the existing policy, and evaluating whether the policy is effective. Students will write a paper and present their findings to the class during the week of July 27th-30th

Topics for the project are as follows:

1. Clean Air Act
2. Taxes and Cap-and-Trade: Air Pollution
3. Mobile-Source Emissions
4. Renewable Energy: Renewable Portfolio Standard and Feed-in-Tariffs
5. Clean Water Act
6. Municipal Wastewater Treatment
7. Drinking Water Quality
8. Non-Point Source Emissions
9. Chemical Use for Production and Consumption
10. Toxic Emissions
11. Hazardous Waste
12. Radioactive Waste
13. Nonhazardous Solid Waste
14. Land-USE
15. Montreal Protocol
16. Kyoto Protocol

The paper should be approximately 4-6 pages in length, 1.5 spacing.

Each presentation will be approximately 15 minutes in length. Every student in the group must present. Plan your presentation so there is enough time for questions/discussion.

TENTATIVE SCHEDULE

Note: This schedule is tentative, meaning it may change. I will make announcements in class regarding any changes to the schedule, and post these announcements on my website.

| Date | Topic | Readings |
|---------------|--|--|
| 7-Jul | The Economy and the Environment | Chp. 1 & 2 |
| 8-Jul | Demand and Supply (WTP and Costs) | Chp. 3 |
| 9-Jul | Markets and Efficiency | Chp. 4 |
| 10-Jul | The Economics of Environmental Quality | Chp. 5 |
| 13-Jul | Environmental Analysis: Benefits vs. Costs | Chp. 6 |
| 14-Jul | Measuring Benefits, Applications | Chp. 7 |
| 15-Jul | CV Debate | Portney, Hanemann, Diamond and Hausman |
| 16-Jul | Measuring Costs, Review | Chp. 8 |
| 17-Jul | Midterm 1 | |
| 20-Jul | Evaluating Environmental Policy | Chp. 9 |
| 21-Jul | Decentralized Policies | Chp. 10 |
| 22-Jul | Command-and-Control Strategies | Chp. 11 |
| 23-Jul | Incentive-Based Strategies: Taxes | Chp. 12 |
| 24-Jul | Incentive-Based Strategies: Permits | Chp. 13 |
| 27-Jul | Group Presentations | |
| 28-Jul | Group Presentations | |
| 29-Jul | Group Presentations | |
| 30-Jul | Group Presentations | |
| 31-Jul | Review | |
| 3-Aug | Midterm 2 | |
| 4-Aug | Environmental Policies in Other Countries | Chp. 18 |
| 5-Aug | Economic Development and the Environment | Chp. 19 |
| 6-Aug | Conclusions, Review, FCQs | Fullerton and Stavins |
| 7-Aug | Final | |

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Disability Policy:

If you qualify for accommodations because of a disability, please su

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