

## GENERAL INFORMATION

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### PROFESSOR INFORMATION



**Instructor:** Tanvir Pavel  
**Office:** VH 136  
**Office Hours:** Tuesday, 12:00 pm – 2:00 pm (Online)  
**E-mail:** Please use Blackboard Messages

Please use Blackboard Course Mail for all course related communications.  
48 hour response time (Excluding weekends)

### COURSE DESCRIPTION AND PURPOSE

Our society faces increasing challenges in sustainably managing environmental and natural resources. Policy making at various levels has become more contentious when it comes to dealing with environment. Economics offers diverse insights in efficiently managing scarce resources. This course is designed to familiarize students with economics tools and techniques that are used in managing environmental and natural resources. The class will help you to understand the economic and social justifications for various environmental policy approaches made at different levels.

### COURSE OBJECTIVES

Students will be able to:

- know the applications of economic principles in managing natural resources and the environment;
- understand the competing demands for our limited natural resources and need for best management practices for allocating, managing, and protecting the environment; and
- develop the analytical skills that will enable students to critically evaluate diverse policy measures influencing environmental and natural resource management.

## IMPORTANT INFORMATION

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### POLICIES

Please review the [policies page](#) as it contains essential information regarding guidelines relevant to all courses at FIU and additional information on the standards for acceptable netiquette important for online courses.

### TECHNICAL REQUIREMENTS & SKILLS

One of the greatest barriers to taking an online course is a lack of basic computer literacy. By computer literacy we mean being able to manage and organize computer files efficiently, and learning to use your computer's operating system and software quickly and easily. Keep in mind that this is not a computer literacy course; but students enrolled in online courses are expected to have moderate proficiency using a computer. Please go to the "[What's Required](#)" webpage to find out more information on this subject.

Please visit our [Technical Requirements](#) webpage for additional information.

## ACCESSIBILITY AND ACCOMMODATION

Please visit our [ADA Compliance](#) webpage for information about accessibility involving the tools used in this course.

Please visit [Blackboard's Commitment Accessibility](#) webpage for more information.

For additional assistance please contact FIU's [Disability Resource Center](#).

## COURSE PREREQUISITES

You need to have an introductory micro economics course (ECO3021: Economics and Society-Micro, or ECO2021: Micro Principles, or an equivalent course) as a prerequisite in order to take this class.

- Review the [Course Catalog](#) webpage for prerequisites information.

## PROCTORED EXAM POLICY

This online section does not require an on-campus meeting and/or exam.

## TEXTBOOK



### **Economics and the Environment**

Eban S. Goodstein

Wiley; 6<sup>th</sup> Edition; 2010

ISBN-10: 0470561092

ISBN-13: 9780470561096

You may purchase your textbook online at the [FIU Bookstore](#)

The course will cover materials primarily from the text book listed above. However, additional materials will be covered and assigned throughout the semester. Keeping up with these materials and completing reading assignments in time are crucial for successfully completing this course.

## EXPECTATIONS OF THIS COURSE

This is an online course, meaning that most of the course work will be conducted online. Expectations for performance in an online course are the same as for a traditional course; in fact, online courses require a degree of self-motivation, self-discipline, and technology skills that can make them more demanding for some students.

### **Students are expected to:**

- **Review the how to get started information** located in the course content.
- **Review the Policies Page** as is important to the quality of your education.
- **Introduce yourself to the class** during the first week by posting a self-introduction in the appropriate discussion forum.
- **Take the practice quiz** to ensure that your computer is compatible with Blackboard.
- **Interact** online with instructor and peers.
- **Review** and follow the course calendar.

## COURSE DETAIL

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### COURSE COMMUNICATION

Communication in this course will take place via **Blackboard Messages**.

The message feature is a private, internal Blackboard only communication system. Users must log on to the blackboard system to send/receive/read messages. There are no notifications in Blackboard to inform users when a new message has been received; therefore, it is recommended that students check their messages routinely to ensure up-to-date communication.

### DISCUSSION FORUMS

Keep in mind that forum discussions are public, and care should be taken when determining what to post. If you need to send a private message to an instructor or student, please use email. Instructor will review discussion forums and reply to students as needed.

### ASSIGNMENTS

There is one assigned term paper, worth 15% of the grade.

Homework and other assignments (20% of grade) are subject to penalty if they are not turned in on time. Completing these assignments on time is very important for a good understanding of the material covered. There could be additional assignments for extra credit.

Review the detailed [Turnitin Instructions](#) on how to submit your assignments and how to review the Grademark comments (feedback) from your professor.

### EXAMS

There are three exams as follows: two mid-terms (20% each) and a cumulative final (25%).

In order to mitigate any issues with your computer and online assessments, it is very important that you take the "Practice Quiz" from each computer you will be using to take your graded quizzes and exams. It is your responsibility to make sure your computer meets the minimum [hardware requirements](#).

Assessments in this course are not compatible with mobile devices and should not be taken through a mobile phone or a tablet. If you need further assistance please contact [FIU Online Support Services](#).

### ADOBE CONNECT PRO MEETING

The Adobe Connect Pro Meeting is an online meeting room in which you can interact with your instructor and fellow students by sharing your computer, screens or files, chat, broadcast live audio and take part in other interactive online activities. Your Adobe Connect Pro Meeting room will be located within your online course in the course content section.

#### Requirements for using Adobe Connect Pro Meeting:

- Disable any window pop-up blocker.
- [Adobe Flash Player](#) is required to successfully run your Connect Pro meeting. You can [test your computer](#) to make sure that you are set up with all of the tools you will need to participate in the meeting.
- Use of a combination [headset and microphone](#) with USB connection is recommended to ensure quality sound and reduce technical difficulties.

Please [click here](#) for additional information on Adobe Connect (Tutorials & Help).

## GRADING

Course Requirements		Number of Items	Points for Each	Total Points Available
Quizzes		2	50	100
Homework		2	50	100
Film Review Assignment		1	50	50
Exams		3	100	300
Term Paper		1	100	100
<b>Total</b>				<b>650</b>

  

Letter	Range	Letter	Range	Letter	Range
A	95 or above	B	83 - 86	C	70 - 76
A-	90 - 94	B-	80 - 82	D	60 - 69
B+	87 - 89	C+	77 - 79	F	59 or below

## COURSE CALENDAR

### WEEKLY SCHEDULE

Week	Materials Covered/ Events	Readings
Week 1 Aug. 21 - Aug. 25	Four Economic Questions about Global Warming Ethics and Economics	Ch 1 Ch 2
Week 2 Aug. 28 - Sept. 1	Pollution and Resource Degradation as Externalities The Efficiency Standard  <ul style="list-style-type: none"> <li><b>Guidelines for Term Paper will be posted</b></li> </ul>	Ch 3 Ch 4
Week 3 Sept. 4 - Sept. 8  (Sept. 4 - Labor Day; University Closed)	The Safety Standard  <ul style="list-style-type: none"> <li><b>Quiz 1: open Sept. 5, 11:59 pm</b></li> <li><b>Quiz 1: due Sept. 7, 11:59 pm</b></li> </ul> Sustainability: A Neoclassical View	Ch. 5  Ch. 6
Week 4 Sept. 11 - Sept. 15	Sustainability: A Ecological View Measuring the Benefits of Environmental Protection  <ul style="list-style-type: none"> <li><b>Homework 1: open Sept. 11, 11:59pm</b></li> <li><b>Homework 1: due Sept. 13, 11:59pm</b></li> <li><b>Review Materials for Midterm I will be posted</b></li> </ul>	Ch 7 Ch 8

<p>Week 5 Sept. 18 - Sept. 22</p>	<p>Measuring the Costs of Environmental Protection</p>	<p>Ch. 9</p>
	<ul style="list-style-type: none"> <li>• <b>Midterm I (Available Sept. 21-22, 2 hours maximum)</b></li> </ul>	
<p>Week 6 Sept. 25 - Sept. 29</p>	<p>Benefit-Cost in Practice: Implementing the Efficiency Standard</p>	<p>Ch 10</p>
	<p>Is More Really Better? Consumption and Welfare</p>	<p>Ch 11</p>
	<ul style="list-style-type: none"> <li>• <b>Quiz 2: open Sept. 27, 11:59pm</b></li> <li>• <b>Quiz 2: due Sept. 29, 11:59pm</b></li> </ul>	
<p>Week 7 Oct. 2 - Oct. 6</p>	<p>The Political Economy of Environmental Regulation</p>	<p>Ch. 12</p>
	<ul style="list-style-type: none"> <li>• <b>Homework 2: open Oct. 4, 11:59pm</b></li> <li>• <b>Homework 2: due Oct.6, 11:59pm</b></li> </ul>	
	<p>An Overview of Environmental Regulation</p>	<p>Ch. 13</p>
<p>Week 8 Oct. 9 - Oct. 13</p>	<p>The Regulatory Record: Achievements and Obstacles</p>	<p>Ch. 14</p>
	<ul style="list-style-type: none"> <li>• <b>Review Materials for Midterm II will be posted</b></li> </ul>	
	<p>Monitoring and Enforcement</p>	<p>Ch. 15</p>
<p>Week 9 Oct. 16 - Oct. 20</p>	<p>Incentive-Based Regulation: Theory</p>	<p>Ch. 16</p>
	<ul style="list-style-type: none"> <li>• <b>Midterm II (Oct. 19 - 20, 2 hours maximum)</b></li> </ul>	
	<p>Incentive-Based Regulation: Practice</p>	<p>Ch. 17</p>
<p>Week 10 Oct. 23 - Oct. 27</p>	<p>Promoting Clean Technology: Theory</p>	<p>Ch. 18</p>
	<ul style="list-style-type: none"> <li>• <b>Film Review Assignment due Oct. 27, 11:59 pm</b></li> </ul>	
<p>Week 11 Oct. 30 - Nov. 3</p>	<p>Energy Policy and the Environment</p>	<p>Ch. 19</p>
	<ul style="list-style-type: none"> <li>• <b>Discussion on Term Paper Project</b></li> </ul>	
<p>Week 12 Nov. 6 - Nov. 10</p>	<p>Poverty, Population and the Environment</p>	<p>Ch. 20</p>
<p>(Nov. 10 - Veterans Day; University Closed)</p>	<ul style="list-style-type: none"> <li>• <b>Extra Credit Assignment due Nov. 6, 11:59 pm</b></li> </ul>	

Week 13  
Nov. 13 - Nov. 17

- **Review Materials for Final will be posted**
- **Term Paper due Nov. 17**

Week 14  
Nov. 20 - Nov. 24

Environmental Policy in Poor Countries

Ch. 21

*(Nov. 23 & 24 – Thanksgiving Holiday;  
University Closed)*

Week 15  
Nov. 27 - Dec. 1

The Economics of the Global Agreements

Ch. 22

Week 16  
Final Week  
Dec. 4 - Dec. 8

- **Cumulative Final (Dec 4-5, 2 hours maximum)**