***Syllabus***

**640** **Environmental Economics**

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| |  |  | | --- | --- | | Dr. Terrel Gallaway  [TerrelGallaway@missouristate.edu](mailto:terrelgallaway@missouristate.edu)  ECO 155  Fall 2012  Phone: 836-5629 | Office: STRO 368  Office Hours:               5:50-6:20; 9:20-9:50 M              10:00-11:00 T Th              1:45-2:45 T Th             and by appointment | | Phone: 836-5629  Office: STO 368  Office Hours:                  Office Hours:                12:45-1:45  MWF               12:30-1:30  TTh                and by appointment |

**Course Description**

This class will introduce students, with varying levels of economic expertise, to the economic approaches to environmental and resource issues.  It will also introduce students to some classic works on the subject as well as highlight different perspectives among economists. In addition to examining wise use of the environment, this class will look at balancing economics, the environment, and personal liberty. It will explore the role of government in protecting the environment while at the same time examining how government failures can cause environmental problems, hinder potential solutions, unduly restrict personal liberty, and funnel billions of dollars into corporate welfare.

Economists are engaged in a wide variety of areas including environmental policy, education, sports, and high finance.  For more information on majoring or minoring in economics at Missouri State, please visit: [http://www.missouristate.edu/contrib/econ/Brochure/EconBrochure.htm](http://www.missouristate.edu/econ/Brochure/EconBrochure.htm)

**Texts**

Required:

Tietenberg, Tom & Lynne Lewis. *Environmental and Natural Resource Economics,* 9th ed. Addison Wesley, 2012

Heilbroner, Robert: *An Inquiry into the Human Prospect, Updated and Reconsidered for the Nineteen Nineties* R.S. Means Company; 2nd Rev ed. 1991.

Abbey, Edward:  *Desert Solitaire: A Season in the Wilderness*.

**Additional Readings:**

Barcott, Bruce “As a Matter of Fact, Money Does Grow on Trees,”  Outside Magazine.  March 2005. <http://outside.away.com/outside/features/200503/money-and-the-environment_1.html>

Brown, Lester R. “World on Edge: How to Prevent Environmental and Economic Collapse” (Book Summary) <http://www.earth-policy.org/books/wote/wotepr>

Daly, Herman  *Valuing the Earth.*  The MIT Press, 1993.

         Chapter 3: Nicholas Georgescu-Roegen “The Entropy Law and the Economic Problem”

         Chapter 9: E.F. Schumacher “Buddhist Economics.”

         Chapter 10: Gerald Alonzo Smith “The Purpose of Wealth”

         Chapter 16: Kenneth E. Boulding “The Economics of the Coming Spaceship Earth”

         Chapter 19: Herman Daly:  “The Steady State Economy”

Earth Policy Institute, “World on the Edge Quick Facts” <http://www.earth-policy.org/images/uploads/book_items/WOTE_Fact_Sheet.pdf>

Finkel, Michael. “Bedlam in the Blood: Malaria” *National Geographic*.  July 2007. <http://www7.nationalgeographic.com/ngm/0707/feature1/>

Galbraith, John. *The Affluent Society.* Chapters 9-11;17.

Hardin, Garrett “The Tragedy of the Commons,” *Science*, 1968. <http://www.garretthardinsociety.org/articles/art_tragedy_of_the_commons.html>

Higgs, Robert “In the Name of Emergency” *Reason* October 17, 2001

Higgs, Robert “Fear The Foundation of Every Government’s Power” *The Independent Review*. V 10, no 3, winter, 2005.

Keynes, John Maynard  “Economic Possibilities for Our Grandchildren” 1930.

Moore, Stephen “Julian Simon Remembered: It's A Wonderful Life” Cato Policy Report, March/April 1998. <http://www.cato.org/pubs/policy_report/cpr-20n2-1.html>

Perry, Alex.  “Battling a Scourge,” *Time*.  June 10, 2010.  <http://www.time.com/time/specials/packages/article/0,28804,1995199_1995197_1995176,00.html>

Regis, Ed “The Doomslayer” *Wired*[Issue 5.02](http://www.wired.com/wired/archive/5.02/) - Feb 1997 <http://www.wired.com/wired/archive/5.02/ffsimon_pr.html>

Rolston, Homes. *Environmental Ethics.* Chapter 1 “Humans Valuing the Natural Environment.”   Temple University Press, 1988.

Simon, Julian L. “The State of Humanity: Steadily Improving” Cato Policy Report, September/October 1995  <http://www.cato.org/pubs/policy_report/pr-so-js.html>

Walker, H. Thayer. “Killer Abs” *Outside Magazine*.  April 2006.  <http://outside.away.com/outside/features/200604/northern-california-great-white-sharks-1.html>

**Expectations**

Learning is an active process.  As students, you must take primary responsibility for your education.  If you hope for a passing grade in this class, you should start by living up to these *minimum* expectations:

* Enroll in the BlackBoard site for this course.
* Bring news articles, and other items of interest, to class or post in BlackBoard.
* Reading the syllabus and regularly checking the course website, and keeping track of  requirements and due dates.
* Keeping up with the readings.  Students will probably need to spend 2-4 hours each week reading the text and additional articles.  Additional time will be required for studying.
* Showing up for class on-time and familiar with the day’s material.
* Contributing to the class by asking questions and offering your insights.
* Treating your classmates with respect.
* Behaving appropriately in the classroom. Talking out of turn, reading newspapers, arriving late and leaving early, sleeping, and the like are distracting and disrespectful to me and to your classmates, and impede the learning process. Therefore, these behaviors will not be tolerated.
* Asking questions, in or out of class, when you need help.
* Behaving with honesty and integrity.

**Grades**

Final grades will reflect student performance on quizzes, two midterm exams,  two book reviews, class participation, and a final exam.  Exams will be given on the days indicated in the class schedule. Scores will be weighed on the following basis:

First Exam:                                 100 points

Second Exam:                             100 points

Final:                                           100 points

Readings (4-8)                            125 points total

Book Reviews & Discussion      125 points total

Extra Articles and Chapters 100 points total

Take-home mini tests 60 points total

Class Participation   50 points

**Total                                           760 points**

Final grades will be awarded based on the following (90%, 80%, etc) scale:

**684- 760   points   =   A**

**608 - 683   points   =   B**

**532 - 607   points   =   C**

**456 - 531   points   =   D**

**below 456   points  =   F**

In the case of borderline situations, the instructor may raise a student's grade by a "half" grade.

**Extra Chapters**

Graduate students will be responsible for one extra chapter each unit.  They will turn in a 5-10 page outline of “lecture notes” for each chapter.  In addition, their tests will include material from those chapters.   The chapters for units 1-3 will be chapters 8,10 & 12, respectively.

**Journal Articles**

Graduate students will be expected to read at least one journal article for each unit.  These articles will be assigned by the instructor. Students will write a 3-4 page reaction paper for each article.  Questions about the article may also show up on their exams.

**Unit Exams (Including Final)**

The class period before an exam, graduate student will be given a take-home portion for the exam.  That part of the exam may cover any material covered in that unit, including the extra chapter and the journal article.  Graduates will also take the in-class exam with the rest of class.  The grades from the two parts of the exam will be averaged together with the take home portion counting for roughly 30% and the in-class portion counting for roughly 70% of their test score.

**Final Exam**

The final exam will primarily cover material from the third unit.  Additionally, part of the exam may be comprehensive and cover topics from throughout the semester that are particularly important or that students failed to learn for earlier exams.

**Readings**

Students will be given a number of graded assignments covering the outside readings. These will either be short quizzes, or take-home directed reading assignments.

**Course Policies**

**Technology:**

* All cell phones should be turned off when entering class. In addition, see MSU's common policies, below.
* For tests, only simple calculators will be allowed.  Graphing calculators, programmable calculators, and cell phones will not be allowed.
* Generally laptops are a big distraction, and disrupt the class.  They will not be allowed without prior consent of the instructor.  Use of laptops for anything other than class purposes is always prohibited.
* Permission must be obtained from the instructor before using any recording device in class.  Violation of this policy may be considered an act of cheating or plagiarism (see below). The contents of class lectures are protected property.  Recordings of the class including, but not limited to digital audio, digital video, and tapes, is not allowed without first obtaining written permission of the instructor.

**Absentee Policy:** Attendance will be taken throughout the course. Although attendance and grades tend to be positively correlated, I will not directly deduct any points for absenteeism.

**Plagiarism and Cheating Policy:** All members of the University community share the responsibility and authority to challenge and make known acts of apparent academic dishonesty. Any student detected participating in any form of academic dishonesty will be subject to sanctions as described in the Student Academic Integrity Policies and Procedures, <http://www.missouristate.edu/acadaff/AcademicIntegrity.html>, also available at the Reserves Desk in Meyer Library, and in abbreviated form in the Missouri State Undergraduate Catalog.  Possible sanctions include issuing an "XF" for a semester grade.  It is your responsibility to read and fully understand Missouri State's Student Academic Integrity Policies and Procedures.

At a minimum, anyone caught plagiarizing or cheating will automatically receive a ***zero*** for the assignment. This zero will automatically be averaged into the semester's final score without any possibility of it being dropped, made-up, or weighted less.  Students caught cheating on a quiz will have their semester grade lowered one letter in addition to receiving a zero on the quiz. Cheating and plagiarism include a variety of activities. If in doubt, ask me.

**Makeup Policy:** There will be NO make-up or early exams without an official**,** WRITTEN excuse. With a valid excuse, students will be allowed to take the exam on or before the day for which it was scheduled. After that day, the exam can be made-up only by taking an exam different than the one given in class.  Students hoping to take a makeup exam should contact me immediately.  The exam will be scheduled for the earliest time that is mutually workable. Students who do not make up their exam promptly will not be allowed to take it at all.

**Appeals Policy:** All appeals must be WRITTEN. If you believe that you deserve partial credit, or want me to re-grade in any other way, give me a *written request* within two weeks after the assignment or test has been handed back *in class.* The appeal should explain why you think your answer was "correct" and deserves partial or full credit.

**Please note** there are additional  policies which are common to all MSU classes.  These policies, regarding Nondiscrimination, Disability Accommodation, Emergency Response, Academic Integrity, Dropping a Class and Cell Phone Usage, may be found on the Economics Department’s website:  <http://www.missouristate.edu/econ/63185.htm>

[**Terrel's Homepage**](http://courses.missouristate.edu/terrelgallaway/index.html)[**Department of Economics**](http://www.missouristate.edu/econ/econmain.htm)  [**Missouri State Homepage**](http://www.missouristate.edu/)