### ENV301/B 43 BFail 2001

or by appointment

Chaminade University Honolulu, Hawaii 96816

# INSTRUCTOR: Barbara P. Street, Ph.D. Office Hours: MWF9 Kieffer Hall Room 22 Phone: 739-4609 (office)

COURSE TITLE: Economics of the Environment /Contemporary Economic Issues

<u>COURSE DESCRIPTION:</u> This course deals with economic analysis of the pressing environmental issues facing societies today. The economic causes of environmental problems, such as externalities and imperfectly assigned property rights will be examined, alternative policies will be analyzed from an economic standpoint, and the economic merits of various solutions to the problems will be studied. This course will include study of property rights, externalities, cost-benefit analysis, valuation techniques, and an exploration of market solutions to environmental problems

support Dion

<u>COURSE OBJECTIVES</u> Given the universal scarcity of resources, it is imperative that as societies address the environmental issues facing them, they do so in an efficient manner. This course will develop analytical skills allowing the student/future policy maker to :

- 1. Identify the economic forces behind many of the environmental issues
- 2. Analyze the impact of different remedies for an environmental problem
- 3. Recommend a solution that is cost-effective and uses society's scare resources wisely. suggestions reflects their views.
- 4. Communicate recommendations regarding environmental issues clearly and convincingly.

#### **III. MAJOR ASSIGNMENTS:**

1. Prompt and regular attendance is expected of all students. For each absence above 3, 5 points will be deducted from those 50 points allotted to attendance / participation.

2. Students are expected to keep up with the reading assignments as listed on the syllabus.

3. Students are expected to turn in written homework assignments when due. Late work may NOT be accepted, and will be assessed a penalty of 1 point per day late when it is accepted.

4. Over the course of the semester, students are expected to find five newspaper/magazine /internet articles dealing with an environmental issue. (Note—each issue must deal with a different issue. Each article will be submitted also with the student's work, which will: a. summarize the article b. identify the economic cause of the environmental problem; and c. analyze the solution presented in the article for its economic merit ; or present a proposed solution and explain its economic merit over the course of the semester. Please note that ALL written assignments must meet the standards presented in EN 101 and 102 courses. Grammar, spelling and punctuation DO count! Be sure to include the title, author, source, and date of the article in your report.

5. Students are expected to take quizzes and exams as scheduled. NO make-ups will be given for the mid-term unless the student has notified the instructor BEFORE the test is administered that he/she will be unable to take the exam with the class. There will be no make-ups for quizzes. The lowest quiz grade will be dropped.

Harabate Linixezin Historiale, Flawaii 960 h

# GRADING POLICY:

Undiplined i obie			
Course grad	les will be based on t	he follow	ving:
Midterm	100 points	A:	540-
First project	50 points	B:	480-
Second Project	100 points	C:	420
Homework	100 points	D:	360
Article analyses	100 points	F:	bek
Attendance/particip	ation 50 points		
FINAL EXAM	100 points		

B: 480-539 points
C: 420-479 points
D: 360-419 points
F: below 360 points

540-600 points

600 points

TOTAL

Finance for any second second require course deads with containing an injects of the previous environments in any second seco

# The Altrained and the Market and Altrained and

to stop analytical scills also when the student barran ratio variant or

. Identify the second of the plant many of the movie through the

sidura internation differenti reneration for no environmental analies

 Recomment a contribution that it cost effective duit uses areinty's some resources wisely, siggrentions rullents florir ology;

. Communicate recommendations reproving environmental issues electry and convincingly.

#### STRUCTURES ROLATE D

 Province and register intercharge in aspended of all mutates. For each internet ittole 3, 5 points will be deduced in writike 30 points allotted to presidence/participation.

2. Selecters are experience to seep up with the rest by anticipation for as letted on the relation. I. Statement are equivaled at them in with the horizont rest() press when the Late work may be be ecopied, and it with the second spaceby of it point we day and when it is proceeded.

•• Over the downey of this consists of the down and constrained for the two percent degrades internet and level which are a strategized of the two of the percent level from the strate and with a different

the mid-structure of the set of the further and events is relateded. No make the well is given the the mid-structure informatic decision field that manager DETDec. Do not to administer a the beight will be unable to the field of the tiest. There will be no make up for a quicket. The invest quick your will be anniated.

DATE	TOPIC	READING	written
Aug 2	7 Introduction: Economics as study of scarcity; positive vs normative economics	"Plover" article for ney	st class
Aug 29	Dealing with Scarcity: Opportunity Cost, Production Possibilities	as assigned	homework 1
Sept 3	Markets: Supply and Demand water study in N.J.	as assigned	homework 2
Sept 5	Markets: Equilibrium; benefits of Markets	as assigned	homework 3
Sept 10	Market Failures: Monopoly	as assigned	homework 4
Sept 12 Sept 17	Descriptions of externalities, solutions for; Pollution rights, tax, regultion	as assigned	
Sept 17	Description of public goods, free riders, problem of commons	Margin article Sp 92, as assigned	<i>p. 41-2</i> homework 5
Sept 24	Measuring Social Welfare	as assigned	
Sept 26	Marginal Cost/Benefit Analysis Spraying Strawberries Double Hulled Tankers	as assigned	homework 6
Oct 1	" " " " continued Cost Effectiveness Analysis, Impact A	nalysis as assigned	
Oct 3	Valuing the Environment	as assigned	
Oct 8	Measuring Future Values ; Problems with Valuing the Envirionment	as assigned	
Oct 10	Review		
Oct 15	Mid-term Exam distribute hearing simulation papers		
Oct 17	Preparation for hearing simulation	as assigned	

Oct 19 Hearing Simulation	
Oct 24 Equitable Solutions: different approaches (HOW DIFFERENT APPROACHES LEAD TO DIFFERENT SOLUTIONS)	as assigned
Oct 29 " " " continued Mystery of disappearing tra	ash
Oct 31 Hearing Simulation Preparation	
Nov 5 Hearing Simulation	
Nov 7 Using Renewable Resources Wisely	sa assigned
Nov 12 Using Non-renewable Resources Wisely Nov 14 Economics of Energy chap 16	as assigned
Nov 19 Economics of Energy	
Nov 26 Kruger National Park	as assigned
Nov 28 Kruger Park presentatins	
Dec34 " " " " ' ' continued	
Dec 5 Review and Wrap-up	
FINAL EXAM: Wednesday, Dec 11 12:45 – 2:45 pm	

homework 8

homework 9

\$1 1

is F

and .

Envertumequal Economics Property Course Overence Call 2002