School of Arts & Science Social Sciences

Geog 100-03. ECOSYSTEMS AND NATURAL RESOURCES

COURSE OUTLINE

The Approved Course Description is available on the web @___

 $\Omega~$ Please note: This outline will not be kept indefinitely. It is recommended students keep this outline for your records.

1. Instructor Information

- (a) Instructor: Michelle Bennett
- (b) Office hours: Monday 12:30-1:30, Tuesday 1:30-2:30
- (c) Location: Fisher 324
- (d) Phone: 370-3932
- (e) E-mail: rainbow@office.geog.uvic.ca, bennett@camosun.bc.ca

2. Intended Learning Outcomes

Upon successful completion of this course, you will be able to:

- 1. Demonstrate a knowledge of ecological systems and the impact of human activity on those systems.
- 2. Demonstrate an understanding of key environmental issues
- 3. Demonstrate knowledge of courses of action which address environmental concerns.

3. Required Materials

(a) Texts

The required text for this course is:

Draper, Dianne. Our Environment: A Canadian Perspective. Second Edition. Toronto: ITP Nelson, 2001.

Learning Opportunities

Lectures

There will be two hours of lecture per class. The use of slides, overheads and video will provide visual information designed to supplement the lectures and appeal to a variety of learning styles.

Labs

There are six labs in this course. The exercises vary in type, and are an integral part of the course since they enable a more detailed examination of ideas introduced in the lectures. Attendance at the labs is mandatory. In case of illness or emergency, you must contact me prior to class to make alternate arrangements. If you fail to do so, a mark of zero will be given. The labs will be provided to you in class, and the due date for each assignment will be identified at this time. Late assignments will be penalized at a rate of 10% per day. Always bring sharp pencils, a ruler and a calculator to labs.

Presentations

In groups of two, you are responsible for researching and designing an 8-10 minute presentation on an issue related to the material covered in Geog 100. Topics can include current environmental problems, people or groups making a positive contribution to the environment, ways in which government decisions are affecting the environment, or up and coming innovations that will be benefit the environment and/or humanity. Your topic may be local, regional, national or international. Please discuss your choice of topic and presentation style with me ahead of time. Please note that attendance at all of the presentations is required. A summary paper of 4-5 pages in length is due one week after your presentation. A handout will be provided in class.

The Environment in the News

The daily news is full of environmental issues. Throughout the term, you will be given the opportunity to discuss such issues happening in Canada and throughout the world. Further details will be provided in class.

Tests

There are two tests in this course.

Test 1 -worth 20% of the course grade. February 28, 2004.

Test 2 -worth 30% of the course grade. Held in the final exam period.

Week of:	Monday	Readings	Wednesday	Readings
Jan. 10	Class Introduction		Current Environmental Challenges	Chapter 1
Jan. 17	Lab 1. Topographic Maps	Topographic Map Handouts	World Views	Chapter 2
Jan. 24	Lab 2. Ecological Footprints		Ecosystems	Chapter 3
Jan. 31	Ecosystems cont.		Lab 3. Mystic Vale Ecosystem	Meet at Mystic Vale, 10:30am
				Mystic Vale Backgrounder
				(on reserve)
Feb. 7	Population	Chapter 4	Atmosphere	Chapter 5
Feb.14	Video and Discussion		Lab 4. Climate Change in Canada	
Feb. 21	Agriculture	Chapter 6	Vide	
	Test Review		O: PLA	
			YING	
			WITH POIS	
			ON POIS	
			Lab 5. Local Agriculture	
Feb. 28	Mid term Test		Endangered Species and Spaces	Chapter 12
Mar. 7	Lab 6. Karimlan Role Playing Game	Karimlan Handouts	Lab 6 continued.	
Mar. 14	Water	Chapter 7	Presentations	
Mar. 21	Oceans and Fisheries	Chapter 8	Presentations	
Mar. 28	Easter Monday- No Class today!		Forestry	Chapter 9
Apr. 4	Presentations		Energy	Chapter 10
Apr. 11	ТВА		Achieving a Balance for the Future	Chapter 13-14
			Test Review	

5. Basis of Student Assessment (Weighting)

(Should be linked directly to learning outcomes.)

Evaluation:				
Lab Exercises:	30%			
Presentations	10%			
Papers	6%			
News Discussions	4%			
Tests	50%			

6. Grading System

(If any changes are made to this part, then the Approved Course description must also be changed and sent through the approval process.) (Insert appropriate approved grading system – see last page of this template.)

The following percentage conversion to letter grade will be used:

A+ = 95 - 100%	B = 75 - 79%	D = 50 - 59%
A = 90 - 94%	B- = 70 - 74%	F = 0.0 - 49%
A- = 85 - 89%	C+ = 65 - 69%	
B+ = 80 - 84%	C = 60 - 64%	

7. Recommended Materials or Services to Assist Students to Succeed Throughout the Course

LEARNING SUPPORT AND SERVICES FOR STUDENTS

There are a variety of services available for students to assist them throughout their learning. This information is available in the College Calendar, Registrar's Office or the College web site at http://www.camosun.bc.ca

ACADEMIC CONDUCT POLICY

There is an Academic Conduct Policy. It is the student's responsibility to become familiar with the content of this policy. The policy is available in each School Administration Office, Registration, and on the College web site in the Policy Section.

www.camosun.bc.ca/divisions/pres/policy/2-education/2-5.html