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|  | <p><b>School of Arts &amp; Science</b><br/> <b>SOCIAL SCIENCES DEPARTMENT</b></p> <p><b>GEOG 100-2</b><br/> <b>Ecosystems and Human Activity</b><br/> <b>2010W</b></p> |
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## COURSE OUTLINE

The Approved Course Description is available on the web @ \_\_\_\_\_

Ω Please note: this outline will be electronically stored for five (5) years only.  
It is strongly recommended students keep this outline for your records.

### 1. Instructor Information

|     |               |                           |                    |  |
|-----|---------------|---------------------------|--------------------|--|
| (a) | Instructor:   | Trisha Jarrett            |                    |  |
| (b) | Office Hours: | TBA                       |                    |  |
| (c) | Location:     | Fisher 308B               |                    |  |
| (d) | Phone:        | 370-3378                  | Alternative Phone: |  |
| (e) | Email:        | jarrett@camosun.bc.ca     |                    |  |
| (f) | Website:      | http://online.camosun.ca/ |                    |  |

### 2. Intended Learning Outcomes

Upon completion of this course the student 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 a knowledge of courses of action which address environmental concerns.

### 3. Required Materials

|     |       |  |
|-----|-------|--|
| (a) | Texts | Environmental Change and Challenge: A Canadian Perspective, 3rd edition by Philip Dearden and Bruce Mitchell, Oxford University Press, 2009. |
| (b) | Other | Lab Manual   |

I have requested that a copy of the textbook be placed on reserve in the library for your use.

Your Lab manual will be available in the bookstore.

**You are responsible for reading your text.** I will draw from the text but will also present other material in the lecture. Your text should be used as a base on which you build other knowledge. Examinations will look to the text for basic concepts. Lectures, assignments, videos and labs will provide more specific information and examples that will be on the exams.

#### 4. Course Content and Schedule

| Week | Date   | Lecture                             | Other Activities                      | Reading       |
|------|--------|-------------------------------------|---------------------------------------|---------------|
| 1    | Jan 4  | Introduction - Orientation          | Introduction to the Environment       |               |
| 2    | Jan 11 | Environment, Resources, and Society | <i>Lab 1: Topographic Maps</i>        | Chapter 1     |
| 3    | Jan 18 | Ecosystems and Energy Flows         | <i>Lab 2: Ecological Footprints</i>   | Chapter 2 & 3 |
| 4    | Jan 25 | Ecosystem Change and Matter Cycling | <i>Lab 3: Global Forests</i>          | Chapter 3 & 4 |
| 5    | Feb 1  | Climate Change                      | <i>Lab 4: Climate Change in BC</i>    | Chapter 7     |
| 6    | Feb 8  | Oceans and Fisheries                | <b>Midterm</b>                        | Chapter 8     |
| 7    | Feb 15 | Forests                             | <i>Lab 5: Forests and MPB</i>         | Chapter 9     |
| 8    | Feb 22 | Urban Environmental Management      | <i>Lab 6: Demographics</i>            | Chapter 13    |
| 9    | Mar 1  | Water                               | <i>Lab 7: Fresh water supply: CRD</i> | Chapter 11    |
| 10   | Mar 8  | Energy                              | <i>Lab 8: Climate Action</i>          | Chapter 12    |
| 11   | Mar 15 | Endangered Species and Habitat      | <i>Lab 9: Species at Risk</i>         | Chapter 14    |
| 12   | Mar 22 | Agriculture                         | <i>Presentations</i>                  | Chapter 10    |
| 13   | Mar 29 | Making it Happen/ Review            | <i>Presentations</i>                  | Chapter 14    |
| 14   | Apr 5  | <b>Holiday – no class</b>           | Review                                | Chapter 15    |

## Learning Opportunities:

Lectures: There will be two hours of lecture each week; these cover a wide range of material. The lectures draw from your textbook, online websites, videos and additional readings. Due to the wealth of information to be covered be sure to read your textbook.

Labs: There are 9 labs in the course; each lab is worth 4% of your final mark. Each lab contains exercises to familiarize students with the tools of geography and many of the issues faced by geographers. In the case of illness, the instructor must be contacted prior to the lab due date and an alternate arrangement must be made; otherwise, a mark of zero will be assigned. Lab exercises are due one week from the day of the lab.

Presentation: You will be required to present in class on an assigned environmental topic. This presentation is to expand your knowledge of different issues surrounding human activities and the environment. You are to prepare a 7 minute presentation. You will supply a 2 page summary of your presentation and either a poster or a PowerPoint presentation on disc. The presentation is worth 12% of your final mark.

Participation: To promote discussion and comments I have added a small participation mark of 2% this term. Attendance and participation are expected for the in-class presentations.

Examinations: There are two exams over the term. The 1st in-term exam will be worth 20 % of your final grade. The final exam will be worth 30% of your final grade. The mid-term exam will be focused on the chapters indicated in the course schedule and will draw from your labs, discussions and lectures. The final exam will be in the scheduled exam period and is cumulative.

## Lab Materials:

Your lab exercises will be made available in the Camosun bookstore. Please read your lab exercise over before beginning the exercise. If you have any questions bring them to the class discussion period or email your instructor.

Your labs are due one-week from the lab session. You will need graph paper, pencil, eraser, ruler and a calculator for lab periods.

Teamwork is encouraged in labs. However, do not copy from each other when handing in assignments. While you may brainstorm and work together, all assignments must be written in your own words. Any students involved in copying will be given a mark of zero for that assignment.

## 5. Basis of Student Assessment (Weighting)

|               |            |
|---------------|------------|
| Lab Exercises | 36%        |
| Presentation  | 12%        |
| Participation | 2%         |
| Midterm Exam  | 20%        |
| Final Exam    | 30%        |
| <b>Total</b>  | <hr/> 100% |

## 6. Grading System

### Standard Grading System (GPA)

| Percentage | Grade | Description   | Grade Point Equivalency |
|------------|-------|---|-------------------------|
| 90-100     | A+    |   | 9                       |
| 85-89      | A     |   | 8                       |
| 80-84      | A-    |   | 7                       |
| 77-79      | B+    |   | 6                       |
| 73-76      | B     |   | 5                       |
| 70-72      | B-    |   | 4                       |
| 65-69      | C+    |   | 3                       |
| 60-64      | C     |   | 2                       |
| 50-59      | D     | Minimum level of achievement for which credit is granted; a course with a "D" grade cannot be used as a prerequisite. | 1                       |
| 0-49       | F     | Minimum level has not been achieved.  | 0                       |

### Temporary Grades

Temporary grades are assigned for specific circumstances and will convert to a final grade according to the grading scheme being used in the course. See Grading Policy E-1.5 at [camosun.ca](http://camosun.ca) for information on conversion to final grades, and for additional information on student record and transcript notations.

| Temporary Grade | Description  |
|-----------------|--|
| I               | <i>Incomplete:</i> A temporary grade assigned when the requirements of a course have not yet been completed due to hardship or extenuating circumstances, such as illness or death in the family.  |
| IP              | <i>In progress:</i> A temporary grade assigned for courses that, due to design may require a further enrollment in the same course. No more than two IP grades will be assigned for the same course. <i>(For these courses a final grade will be assigned to either the 3<sup>rd</sup> course attempt or at the point of course completion.)</i> |
| CW              | <i>Compulsory Withdrawal:</i> A temporary grade assigned by a Dean when an instructor, after documenting the prescriptive strategies applied and consulting with peers, deems that a student is unsafe to self or others and must be removed from the lab, practicum, worksite, or field placement.  |

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, at Student Services or the College web site at [camosun.ca](http://camosun.ca).

**STUDENT CONDUCT POLICY**

There is a Student Conduct Policy **which includes plagiarism**. It is the student's responsibility to become familiar with the content of this policy. The policy is available in each School Administration Office, at Student Services and on the College web site in the Policy Section.