

School of Arts & Science SOCIAL SCIENCES DEPARTMENT **GEOG 100**

Ecosystems and Human Activity Winter, 2014

COURSE OUTLINE

The course description is online @ http://camosun.ca/learn/calendar/current/web/geog.html

 Ω Please note: the College electronically stores this outline for five (5) years only. It is strongly recommended you keep a copy of this outline with your academic records. You will need this outline for any future application/s for transfer credit/s to other colleges/universities.

1. Instructor Information

| (a) | Instructor: | Hilary Sandford | | |
|-----|---------------|---------------------|--------------------|--|
| (b) | Office Hours: | TBD | | |
| (c) | Location: | Fisher 342D | | |
| (d) | Phone: | 370-3250 | Alternative Phone: | |
| (e) | Email: | sandford@camosun.ca | | |
| (f) | Website: | | | |

2. Intended Learning Outcomes

(No changes are to be made to these Intended Learning Outcomes as approved by the Education Council of Camosun College.)

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.
- 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 by Phil Dearden and Bruce Mitchell, Oxford University Press, 2012. *The purchase of this textbook is **OPTIONAL** for this course.*
- (b) Lab Exercises: Available on the course D2L site

4. Course Content and Schedule

| Week of: | <u>Monday</u> | Wednesday |
|----------|--|---|
| Jan 6 | Course Introduction | Environmental History |
| Jan 13 | Environmental History Reading: <u>Rachel Carson Bio</u> | Lab 1 – Chernobyl |
| Jan 20 | Population Reading: S. Astyk | Lab 2 – Demographics <u>Discussion</u> : Family Size |
| Jan 27 | Biomes | Biomes (Lab 3 – Protected Areas) |
| Feb 3 | Biomes | <u>Discussion</u> : Park Profile Lab 4 – Canada's National Parks |
| Feb 10 | Family Day | Review Class |
| Feb 17 | MIDTERM | Atmosphere (Lab 5 – BC Air Quality) |

| Feb 24 | Water Reading: RSTV documents &/or CRD documents | Lab 6 – Tapped <u>Discussion</u> : Victoria Sewage |
|--------|--|---|
| Mar 3 | Forests Reading: SIBAC video Nussbaum Powerpoint | Lab 7 – BC Forestry <u>Discussion</u> : Pine Beetle |
| Mar 10 | Endangered Species | Lab 8 – Species at Risk |
| | Reading: E.O. Wilson | Discussion: Oregon Snail |
| Mar 17 | Fisheries & Oceans | Lab 9 – Shifting Baselines |
| Mar 24 | Reading: CBC Shark Article Oil & Gas Reading: Cuerdian Article | Product Pitches |
| | Reading: Guardian Article | |
| Mar 31 | Product Pitches | Product Pitches |
| Apr 7 | Lab 10 – Local Food <u>Discussion</u> : What's Ahead? | Review Class |

5. Basis of Student Assessment (Weighting)

The final mark for the course will be determined by student performance in each of these components.

| Midterm Exam | 23% |
|---------------|------------|
| Lab Exercises | 30% |
| Discussions | 12% |
| Product Pitch | 10% |
| | |
| Final Exam | <u>25%</u> |
| | 100% |

6. Grading System

(No changes are to be made to this section unless the Approved Course Description has been forwarded through the Education Council of Camosun College for approval.)

Standard Grading System (GPA)

| Percentage | Grade | Description | Grade Point Equivalency |
|------------|-------|---|----------------------------|
| 90-100 | A+ | | 9 |
| 85-89 | Α | | 8 |
| 80-84 | A- | | 7 |
| 77-79 | B+ | | 6 |
| 73-76 | В | | 5 |
| 70-72 | B- | | 4 |
| 65-69 | C+ | | 3 |
| 60-64 | С | | 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** for information on conversion to final grades, and for additional information on student record and transcript notations.

| Temporary Grade | Description |
|--------------------|--|
| ı | Incomplete: 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 | In progress: 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. (For these courses a final grade will be assigned to either the 3 rd course attempt or at the point of course completion.) |
|----|---|
| cw | Compulsory Withdrawal: 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.

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 the College web site in the Policy Section.

ADDITIONAL COMMENTS AS APPROPRIATE OR AS REQUIRED