

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: | M 10:30-11:30, Th 1:30-2:30, F 11:20-12:20 | | |
| (C) | Location: | Fisher 342D | | |
| (d) | Phone: | 3250 | Alternative Phone: | |
| (e) | Email: | sandford@camosun.ca | | |
| | | | | |

2. Intended Learning Outcomes

(<u>No</u> 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. Describe the natural environmental processes that underlie natural hazards.
- 2. Explain how human development and planning influence natural hazard risk.
- 3. Use basic risk assessment and mitigation tools related to natural hazards.

3. Required Materials

Keller, E.A., R.H. Blodgett and J.J. Clague, 2015. <u>Natural Hazards</u>, 3rd Canadian Edition. Toronto: Pearson Education Canada, 488 pp.

This is available in the bookstore, as an e-book or hardcopy, and is on reserve in the library for your use.

4. Course Content and Schedule

2017 COURSE SCHEDULE: Geography 111-002

| Week of: | <u>Tuesday</u> | <u>Thursday</u> |
|-----------------|---|--------------------------|
| Jan 9 | Course Introduction Reading: Chapter 1 | Lab 1 – Topographic Maps |
| Jan 16 cont. | Hazard Systems | Lab 1 – Topographic Maps |
| cont. | Reading: Chapter 1 | |
| Jan 23 | Earthquakes Reading: Chapter 3 | Lab 2 – Earthquakes |
| Jan 30 | Tsunamis | Lab 3 – Tsunamis |

Reading: Chapter 4

| Feb 6 | Coastal Hazards Reading: Chapter 12 | Lab 4 – Coastal Hazards |
|--------|--|-------------------------|
| Feb 13 | Family Day | Reading Break |
| Feb 20 | Volcanoes Reading: Chapter 5 | Lab 5 – Volcanoes |
| Feb 27 | Event Timeline Overview | Midterm |
| Mar 6 | Landslides Reading: Chapter 6 | Lab 6 – Landslides |
| Mar 13 | Floods Reading: Chapter 11 | Lab 7 – Floods |
| Mar 20 | Extreme Weather Reading: Chapter 12 | Lab 8 – Hurricanes |
| Mar 27 | Fire & Drought Reading: Chapter 13 | Lab 9 – Fire |
| Apr 3 | Climate Change Reading: Chapter 14 | Event Timeline |
| Apr 10 | Avalanches Reading: Chapter 7 | 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.

| Lab Exercises | 40% |
|--------------------------|------------|
| Midterm Exam | 20% |
| Podcast Quizzes | 5% |
| Event Timeline Component | 10% |
| Final Exam | <u>25%</u> |
| | 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 | 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 |
|--|--|
| 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 IP In progress: A temporary grade assigned for courses that, due to design require a further enrollment in the same course. No more than two IP grassigned for the same course. (For these courses a final grade will be a either the 3 rd course attempt or at the point of course completion.) | |
| CW Cw Compulsory Withdrawal: A temporary grade assigned by a Dean when after documenting the prescriptive strategies applied and consulting wind deems that a student is unsafe to self or others and must be removed 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 <u>camosun.ca</u>.

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