



**CAMOSUN COLLEGE**  
**School of Arts & Science**  
**Department of Social Sciences**

**GEOG-111-001**  
**Natural Hazards**  
**Summer 2018**

**COURSE OUTLINE**

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

This course will provide students with a first exposure to physical geography through the lens of natural hazards; that is, natural environmental processes that threaten human health and property. Topics will include natural and human systems that create hazards, earthquakes and related hazards, volcanoes, landslides and avalanches, coastal and river hazards, and weather- and climate-related hazards. Several lab exercises will introduce technical skills related to hazard assessment and mitigation. An emphasis on current events will be maintained. This course is intended for both science and non-science majors.

*Ω Please note: This outline will not be kept indefinitely. It is recommended students keep this outline for their records, especially to assist in transfer credit to post-secondary institutions.*

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**1. Instructor Information**

(a) Instructor	Trisha Jarrett		
(b) Office hours	Wednesday 12:30 – 1:20 or by appointment		
(c) Location	Fisher 340A		
(d) Phone	250-370-3378	Alternative:	
(e) E-mail	Jarrett@camosun.ca		
(f) Website	<a href="http://online.camosun.ca">http://online.camosun.ca</a>		

**2. Intended Learning Outcomes**

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**

(a)	Text	<p><u>Required:</u> Keller, E.A., D.E. DeVecchio and J.J. Clague, 2015. Natural Hazards, 3rd Canadian Edition. Toronto: Pearson Education Canada, 504 pp.</p> <ul style="list-style-type: none"><li>• This is available in the book store, as an e-book or hardcopy,</li><li>• There also will be a reserve copy in the library.</li></ul>
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## 4. Course Content and Schedule

- **Lectures:** Attendance is essential. I will post basic lecture outlines on D2L: [online.camosun.ca](http://online.camosun.ca). These outlines are no substitute for coming to class! Consult the course schedule for further details.
- **Readings** are an essential part of this course – they provide depth and context that are indispensable to your understanding of the course material, and they will be tested. Specific reading assignments are detailed below; these may be modified as the term goes on.
- **Assignments:** A variety of assignments must be completed for this class.
  - **Videos/Discussion/Field Trip:** Some class time may be devoted to video and discussions. To evaluate participation, you may be asked to hand in notes on the video and/or field trip at the end of class.
  - **Podcast and quizzes:** You will listen to Fault Lines, a CBC podcast that will outline emergency preparedness plans and procedures, interview various experts in the field and feature dramatic enactment of how this predicted natural disaster will impact British Columbians in the 24 hours, 72 hours, one month, one year following and beyond. You will complete a series of online quizzes to assess your learning from these podcasts.
  - **Lab Assignments:** Generally, there will be one lab assignment completed per lecture topic. Lab assignments will focus on applied learning in the area of physical geography, natural hazard assessment and mitigation. Please be prepared by bringing the following items to lab classes: ruler, calculator, pencil crayons or highlighters. The assignment due date will be at the beginning the subsequent lab period, unless otherwise instructed. A penalty of 10% per day will be imposed on late assignments. Late assignments will not be accepted after I have returned them marked. Anyone cheating or copying work will receive a mark of zero on the assignment.
- **Exams:** There will be two exams. The format for these will be a combination of multiple choice, short answer and long answer questions. They mainly will emphasize the lecture material, though lab material will also be drawn upon. The second exam will NOT be cumulative.
- **Illness, etc.:** If you miss a lab or exam due to illness or some other serious reason, I must ask you to provide a doctor's note or other documentation to support your case. Otherwise, a mark of zero for the missed assignment will be given. Exams and assignments are hard to reschedule, so try not to miss them unless you are too sick to perform at a normal level.

Students who miss an exam for a valid reason **must** contact me **within 24 hours** with an explanation. In such cases, one makeup exam time will be scheduled, and all students needing it will be expected to attend.

- **Course Schedule** (Provided first day of class)
- **Instructor Absence:** In the event of instructor absence, every effort will be taken to ensure a sustained quality of instruction. I will provide as much notice as possible, but please note that this is not always possible in the case of illness. Occasionally, administrative duties might require me to be absent from class. In these cases, as much notice as possible will be given and suitable alternatives to our regular class meeting will be presented to students ahead of time (i.e. pre-recorded lectures, invited speaker, or an on-line module).

## 5. Basis of Student Assessment (Weighting)

(a)	Labs	35%
(b)	Participation: Video, Field Trip, Lab Quizzes, Podcasts	15%
(c)	Exam 1	25%
(d)	Exam 2	25%

## 6. Grading System

Standard Grading System (GPA)

Competency Based Grading System

## 7. Recommended Materials to Assist Students to Succeed Throughout the Course

## 8. College Supports, Services and Policies



### Immediate, Urgent, or Emergency Support

If you or someone you know requires immediate, urgent, or emergency support (e.g. illness, injury, thoughts of suicide, sexual assault, etc.), **SEEK HELP**. Resource contacts @ <http://camosun.ca/about/mental-health/emergency.html> or <http://camosun.ca/services/sexual-violence/get-support.html#urgent>

### College Services

Camosun offers a variety of health and academic support services, including counselling, dental, disability resource centre, help centre, learning skills, sexual violence support & education, library, and writing centre. For more information on each of these services, visit the **STUDENT SERVICES** link on the College website at <http://camosun.ca/>

### College Policies

Camosun strives to provide clear, transparent, and easily accessible policies that exemplify the college's commitment to life-changing learning. It is the student's responsibility to become familiar with the content of College policies. Policies are available on the College website at <http://camosun.ca/about/policies/>. Education and academic policies include, but are not limited to, Academic Progress, Admission, Course Withdrawals, Standards for Awarding Credentials, Involuntary Health and Safety Leave of Absence, Prior Learning Assessment, Medical/Compassionate Withdrawal, Sexual Violence and Misconduct, Student Ancillary Fees, Student Appeals, Student Conduct, and Student Penalties and Fines.

A. GRADING SYSTEMS <http://camosun.ca/about/policies/index.html>

The following two grading systems are used at Camosun College:

1. 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		1
0-49	F	Minimum level has not been achieved.	0

2. Competency Based Grading System (Non GPA)

This grading system is based on satisfactory acquisition of defined skills or successful completion of the course learning outcomes

Grade	Description
COM	The student has met the goals, criteria, or competencies established for this course, practicum or field placement.
DST	The student has met and exceeded, above and beyond expectation, the goals, criteria, or competencies established for this course, practicum or field placement.
NC	The student has not met the goals, criteria or competencies established for this course, practicum or field placement.

B. 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 at <http://camosun.ca/about/policies/index.html> 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 are designed to have an anticipated enrollment that extends beyond one term. No more than two IP grades will be assigned for the same course.

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.
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