

COURSE SYLLABUS



COURSE TITLE: GEOG-111: Natural Hazards

CLASS SECTION: 002

TERM: Winter, 2023

COURSE CREDITS: 3

DELIVERY METHOD(S): Classroom

Camosun College campuses are located on the traditional territories of the Lək̓ʷəŋən and W̱SÁNEĆ peoples. We acknowledge their welcome and graciousness to the students who seek knowledge here.

Learn more about Camosun's [Territorial Acknowledgement](#).

For COVID-19 information please visit <https://legacy.camosun.ca/covid19/index.html>

Camosun College requires mandatory attendance for the first class meeting of each course. If you do not attend, and do not provide your instructor with a reasonable explanation in advance, you will be removed from the course and the space offered to the next waitlisted student.

INSTRUCTOR DETAILS

NAME: Hilary Sandford

EMAIL: Sandford@camosun.bc.ca

OFFICE: Fisher 342C

HOURS: T & Th: 12:30-2:20

As your course instructor, I endeavour to provide an inclusive learning environment. However, if you experience barriers to learning in this course, do not hesitate to discuss them with me. Camosun College is committed to identifying and removing institutional and social barriers that prevent access and impede success.

CALENDAR DESCRIPTION

This course introduces physical geography by examining the natural environmental processes behind hazards like earthquakes, storms, landslides and floods. It examines how human development and planning can turn hazards into disasters, or effectively mitigate them. Current events are emphasized. Lab activities introduce physical geography techniques in a hazards context.

PREREQUISITE(S):

One of:

- C+ in English 12
- C in Camosun Alternative

CO-REQUISITE(S):

Not Applicable

EXCLUSION(S):

Not Applicable

COURSE LEARNING OUTCOMES / OBJECTIVES

Upon completion of this course a student will be able to:

1. Analyze the natural environmental systems that underlie natural hazards.
2. Explain how human development and planning influence natural hazard risk.
3. Apply some basic geographic analysis techniques related to natural hazards.

COURSE SCHEDULE, TOPICS, AND ASSOCIATED PREPARATION / ACTIVITY / EVALUATION

The following schedule and course components are subject to change with reasonable advance notice, as deemed appropriate by the instructor.

WEEK OF:	TUESDAY	THURSDAY
January 9	Course Introduction	Lab 1: Latitude & Longitude
January 16	Hazard Systems	Lab 2: Universal Transverse Mercator
January 23	Earthquakes	Lab 3: Earthquakes
January 30	Tsunamis	Lab 4: Tsunamis
February 6	Volcanoes	Lab 5: Volcanoes
February 13	<i>Review Class</i>	Midterm
February 20	Reading Break	Reading Break
February 27	Landslides	Lab 6: Landslides
March 6	Flooding	Lab 7: Floods
March 13	Extreme Weather	Lab 8: Drought
March 20	Event Timeline	Event Timeline
March 27	Drought & Fire	Lab 9: Wildfires
April 3	Climate Change	Lab 10: Climate Change
April 10	<i>Review Class</i>	Lab Hand-In

Students registered with the Centre for Accessible Learning (CAL) who complete quizzes, tests, and exams with academic accommodations have booking procedures and deadlines with CAL where advanced notice is required. Deadlines can be reviewed on the [CAL exams page](http://camosun.ca/services/accessible-learning/exams.html). <http://camosun.ca/services/accessible-learning/exams.html>

EVALUATION OF LEARNING

DESCRIPTION	WEIGHTING
Lab Exercises	30%
Midterm Exam	25%
Final Exam	35%
Natural Hazard Timeline	10%
TOTAL	100%
If you have a concern about a grade you have received for an evaluation, please come and see me as soon as possible. Refer to the Grade Review and Appeals policy for more information. http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.14.pdf	

COURSE GUIDELINES & EXPECTATIONS

There are a number of different components to this course

Lectures: The weekly in-person lectures will cover a variety of natural events and how their occurrences potentially threaten humans and their settlements. The classroom whiteboard and PowerPoint slides will be used to explain the mechanisms and potential impacts of each of these natural phenomena and there will be electronic notes and links to supplement the face-to-face lecture.

D2L: D2L is Camosun's learning support software and it allows you to access lecture notes, electronic lab exercises, hand in your assignments digitally, track your mark, and be alerted to upcoming due dates or changes in assignments. It is advantageous to login to the course D2L site at least weekly to ensure you are on track with your learning.

Labs: There will be ten lab exercises assigned this term. These activities are designed to practically apply some of the tools of hazards assessment. Due dates will be one week from the date the lab is assigned, unless otherwise specified, and your completed assignment can be uploaded to the 'Assignments' section of D2L or handed in at the start of lab class each week. Late assignments will not be accepted once marked assignments have been handed back.

Event Timeline: In mid-February, I will ask you to begin creating an event summary for an assigned natural disaster or catastrophe that has happened in the last century. You will then prepare a well-written, tightly edited summary including an appropriate photos and links that will due by mid-March.

Exams: There will be two exams this term: a midterm exam on Thursday, **February 16th**, the second will be a final exam during the College Exam week. Each test will contain a series of short answer, true or false, multiple choice and long answer questions that will cover the lecture and lab content of the course. You will be provided with online lecture quizzes so that you can practice in advance of the tests.

STUDENT RESPONSIBILITY

Enrolment at Camosun assumes that the student will become a responsible member of the College community. As such, each student will display a positive work ethic, assist in the preservation of College property, and assume responsibility for their education by researching academic requirements and policies; demonstrating courtesy and respect toward others; and respecting expectations concerning attendance, assignments, deadlines, and appointments.

SUPPORTS AND SERVICES FOR STUDENTS

Camosun College offers a number of services to help you succeed in and out of the classroom. For a detailed overview of the supports and services visit <http://camosun.ca/students/>.

Academic Advising	http://camosun.ca/advising
Accessible Learning	http://camosun.ca/accessible-learning
Counselling	http://camosun.ca/counselling
Career Services	http://camosun.ca/coop
Financial Aid and Awards	http://camosun.ca/financialaid
Help Centres (Math/English/Science)	http://camosun.ca/help-centres
Indigenous Student Support	http://camosun.ca/indigenous
International Student Support	http://camosun.ca/international/
Learning Skills	http://camosun.ca/learningskills
Library	http://camosun.ca/services/library/
Office of Student Support	http://camosun.ca/oss
Ombudsperson	http://camosun.ca/ombuds
Registration	http://camosun.ca/registration
Technology Support	http://camosun.ca/its
Writing Centre	http://camosun.ca/writing-centre

If you have a mental health concern, please contact Counselling to arrange an appointment as soon as possible. Counselling sessions are available at both campuses during business hours. If you need urgent support after-hours, please contact the Vancouver Island Crisis Line at 1-888-494-3888 or call 911.

Academic Accommodations for Students with Disabilities

The College is committed to providing appropriate and reasonable academic accommodations to students with disabilities (i.e. physical, depression, learning, etc). If you have a disability, the [Centre for Accessible Learning](#) (CAL) can help you document your needs, and where disability-related barriers to access in your courses exist, create an accommodation plan. By making a plan through CAL, you can ensure you have the appropriate academic accommodations you need without disclosing your diagnosis or condition to course instructors. Please visit the CAL website for contacts and to learn how to get started:

<http://camosun.ca/services/accessible-learning/>

Academic Integrity

Please visit <http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.13.pdf> for policy regarding academic expectations and details for addressing and resolving matters of academic misconduct.

Academic Progress

Please visit <http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.1.pdf> for further details on how Camosun College monitors students' academic progress and what steps can be taken if a student is at risk of not meeting the College's academic progress standards.

Course Withdrawals Policy

Please visit <http://camosun.ca/about/policies/education-academic/e-2-student-services-and-support/e-2.2.pdf> for further details about course withdrawals. For deadline for fees, course drop dates, and tuition refund, please visit <http://camosun.ca/learn/fees/#deadlines>.

Grading Policy

Please visit <http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.5.pdf> for further details about grading.

Grade Review and Appeals

Please visit <http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.14.pdf> for policy relating to requests for review and appeal of grades.

Mandatory Attendance for First Class Meeting of Each Course

Camosun College requires mandatory attendance for the first class meeting of each course. If you do not attend, and do not provide your instructor with a reasonable reason in advance, you will be removed from the course and the space offered to the next waitlisted student. For more information, please see the "Attendance" section under "Registration Policies and Procedures" (<http://camosun.ca/learn/calendar/current/procedures.html>) and the Grading Policy at <http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.5.pdf>.

Medical / Compassionate Withdrawals

Students who are incapacitated and unable to complete or succeed in their studies by virtue of serious and demonstrated exceptional circumstances may be eligible for a medical/compassionate withdrawal. Please visit

<http://camosun.ca/about/policies/education-academic/e-2-student-services-and-support/e-2.8.pdf> to learn more about the process involved in a medical/compassionate withdrawal.

Sexual Violence and Misconduct

Camosun is committed to creating a campus culture of safety, respect, and consent. Camosun's Office of Student Support is responsible for offering support to students impacted by sexual violence. Regardless of when or where the sexual violence or misconduct occurred, students can access support at Camosun. The Office of Student Support will make sure students have a safe and private place to talk and will help them understand what supports are available and their options for next steps. The Office of Student Support respects a student's right to choose what is right for them. For more information see Camosun's Sexualized Violence and Misconduct Policy: <http://camosun.ca/about/policies/education-academic/e-2-student-services-and-support/e-2.9.pdf> and camosun.ca/sexual-violence. To contact the Office of Student Support: oss@camosun.ca or by phone: 250-370-3046 or 250-3703841

Student Misconduct (Non-Academic)

Camosun College is committed to building the academic competency of all students, seeks to empower students to become agents of their own learning, and promotes academic belonging for everyone. Camosun also expects that all students to conduct themselves in a manner that contributes to a positive, supportive, and safe learning environment. Please review Camosun College's Student Misconduct Policy at <http://camosun.ca/about/policies/education-academic/e-2-student-services-and-support/e-2.5.pdf> to understand the College's expectations of academic integrity and student behavioural conduct.

Changes to this syllabus: Every effort has been made to ensure that information in this syllabus is accurate at the time of publication. The College reserves the right to change courses if it becomes necessary so that course content remains relevant. In such cases, the instructor will give the students clear and timely notice of the changes.