

COURSE SYLLABUS



COURSE TITLE: GEOG-111: Natural Hazards

CLASS SECTION: 001/002

TERM: Winter 2024

COURSE CREDITS: 3

DELIVERY METHOD(S): Face to face

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](#).

INSTRUCTOR DETAILS

NAME: Trisha Jarrett

EMAIL: jarrett@camosun.ca

OFFICE: Fisher 248B

HOURS: Monday and Wednesday 11:30-12:20 or by appointment

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

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.

REQUIRED MATERIALS & RECOMMENDED PREPARATION / INFORMATION

Optional: Keller, E.A., D.E. DeVecchio and J.J. Clague, 2015. Natural Hazards, 3rd Canadian Edition. Toronto: Pearson Education Canada, 504 pp.

Panchuk, K. (2021). Physical Geology-H5P Edition. <https://opentextbc.ca/physicalgeologyh5p/>

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 or DATE RANGE	Monday	Wednesday
Jan 8	Course Intro	Lab Mapping
Jan 15	Earth and Hazard Systems	Lab Earthquakes
Jan 22	Earthquakes	Lab Coasts
Jan 29	Tsunamis	Lab Tsunamis
Feb 5	Landslides	Lab Landslides
Feb 12	Volcanos	Lab Volcanos
Feb 19	Family Day/Reading Break	
Feb 26	Exam 1	Term Project Overview
Mar 4	Floods	Lab Floods
Mar 11	Hurricanes and Tornados	Lab Hurricanes
Mar 18	Droughts and Fire	Lab Fire
Mar 25	Climate Change	Lab Climate
Apr 1	No Class Easter Monday	Final Project work block/Library/Extra Help
Apr 8	Exam #2	Final Project due

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 noticed is required. Deadlines scan 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
Labs	40
Case Study Assignment	20
Exam 1	15
Exam 2	15
Quizzes	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

Course content and schedule is posted on D2L. Please consult the first module, Course Introduction, for full details. The course is broken in to 14 modules. Each week, there will be a topic webpage that outlines the following for each module: learning outcomes, assigned readings and resources, learning activities and due dates.

There are two exams for the course. Details will be provided in advance of the exams. There are quizzes on D2L for each module.

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. Many of the lab assignments will use digital resources (e.g. websites, databases, GIS resources) and will be taken home for completion. The assignment due date will be at the beginning the subsequent lab period, unless otherwise instructed. 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. Collaborating and supporting your peers is encouraged. Copying, plagiarism and/or cheating is not permitted. Please familiarize yourself with Camosun's student conduct policies. This is also posted on D2L for your reference.

When completing an unsupervised written assignment, exam, podcast assignment or lab assignment, it is essential that you complete it honestly, by yourself, without assistance from other people or resources (e.g. AI tools). Please ensure the information is in your own words. AI detection applications will be used to screen assignments in the case of suspected Academic Dishonesty. You are permitted to use web and or written resources to complete this assignment, but please be sure to reference your sources. Any non-compliance with these instructions may result in the invalidation of assignment or exam results and may result in academic penalty as per Camosun's student conduct policies.

SCHOOL OR DEPARTMENTAL INFORMATION

<https://camosun.ca/programs-courses/school-arts-science/arts-science-subjects/geography>

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.