



CAMOSUN COLLEGE
School of Arts & Science
Department of Social Sciences

GEOG-276-001
Geomorphology
Winter 2019

COURSE OUTLINE

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

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.

1. Instructor Information

(a) Instructor	Hilary Sandford		
(b) Office hours	Wednesday 10:30-11:30 & Thursday 2:30-3:30		
(c) Location	Fisher 342C		
(d) Phone	250-370-3393	Alternative:	
(e) E-mail	Sandford@camosun.ca		

2. Intended Learning Outcomes

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

1. Describe geomorphic systems and processes in order to understand Earth's diverse landscapes.
2. Describe the water cycle, especially as a driver of geomorphic processes.
3. Discuss human interactions with the hydrosphere and lithosphere.
4. Collect and analyze hydrological and geomorphological data in order to assess surface environments.

3. Required Materials

Geomorphology: A Canadian Perspective, 5th Edition, Alan S. Trenhaile 2013. Oxford University Press, 505.

Or

Key Concepts in Geomorphology, Paul R. Bierman and David R. Montgomery, 2014. Freeman Press, 494 pages.

Lab assignments are available through the course D2L site.

4. Course Content and Schedule

Lectures: There is a two-hour lecture for this course, normally on Tuesdays. During lectures, the blackboard will be heavily utilized and overheads and images will augment the traditional lecture style. I talk a lot, I write a lot and I draw a lot; summary notes will be available on the D2L site for the course.

Labs: There are ten labs in the course. Each lab contains exercises to familiarize students with the topics and techniques of physical geography. Small groups are encouraged during the lab period but each student must do their own individual lab or a mark of zero will be assigned to all colluders. Attendance during lab periods is mandatory. In the case of illness, I must be contacted prior to the class time and an alternate arrangement must be made; otherwise, a mark of zero will be assigned. Assignment due dates will be determined in class. Late labs won't be accepted at all once marked assignments have been handed back.

Exams: There will be three tests throughout the term. The first will be on **Thursday, February 7th**, the second will be on **Thursday, March 21st**, and the third will be on **Thursday, April 11th**.

COURSE SCHEDULE

schedule is subject to change

<u>Week of:</u>	<u>Tuesday</u>	<u>Thursday</u>
Jan 7	Introduction	Lab 1: Tools of the Trade - Outdoors
Jan 14	Coordinate Systems	Lab 2: Tools of the Trade - Indoors
Jan 21	Earth Systems	Lab 3: Contours & Isopachs
Jan 28	Weathering	Lab 4: Universal Soil Loss
Feb 4	<i>Exam Design Class</i>	Test #1
Feb 11	Slope Processes	Lab 5: Avalanches
Feb 18	<i>Reading Break</i>	<i>Reading Break</i>
Feb 25	Continental Glaciation	Lab 6: Continental Glaciation
Mar 4	Alpine Glaciation	Lab 7: Alpine Glacial Features
Mar 11	Periglacial Processes	Lab 8: McMurdo Dry Valleys
Mar 18	Aeolian Processes	Test #2
Mar 25	Coastal Processes	Lab 9: Coastal Landforms
Apr 1	Fluvial Processes	Lab 10: Watersheds
Apr 8	Fluvial Landforms	Test #3

5. Basis of Student Assessment (Weighting)

Test #1	20%
Test #2	25%
Test #3	15%
Lab Exercises	<u>40%</u>
	100%

6. Grading System

- Standard Grading System (GPA)
- Competency Based Grading System

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

n/a

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.