



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

**GEOG-276-001**  
**Geomorphology**  
**Winter, 2018**

## **COURSE OUTLINE**

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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.

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### **1. Instructor Information**

(a) Instructor	Hilary Sandford
(b) Office hours	Tuesday and Thursday 11:30-12:30
(c) Location	Fisher 342D
(d) Phone	250-370-3250
(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**

Texts: Geomorphology: A Canadian Perspective, 5<sup>th</sup> Edition, Alan S. Trenhaile 2013. Oxford University Press, 505 pages plus appendices. This book is available in the Camosun Bookstore as a \$50 soft-cover text.

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 nine 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.

Field Trips: There are two field trips scheduled this term; one is a self-guided tour of the glacial features in Victoria and the second is a mandatory stream assessment on a local river. Three hours is not a long time to conduct fieldwork so please let me know if you have a class that begins immediately after the lab period.

Midterm Exam: There will be one midterm exam given on **Thursday, February 22<sup>nd</sup>**. Attendance is mandatory and, in case of illness, a comprehensive doctor's note is required.

Final Exam: There will be a final exam for this course held during the College Exam Week in April. Notice of the exam date will be available on Camlink by the beginning of February; do not book flights until that date is known as the final exam cannot be re-scheduled.

### Course Schedule

\*schedule is subject to change with notice\*

<u>Week of:</u>	<u>Tuesday</u>	<u>Thursday</u>
Jan 8	Introduction	Lab 1: Tools of the Trade - outdoors
Jan 15	Coordinate Systems	Lab 1: Tools of the Trade - indoors
Jan 22	Geomorphology	Lab 2: Contours & Profiles
Jan 29	Orogenesis & Weathering	Lab 3: Universal Soil Loss
Feb 5	Slope Processes	Lab 4: Avalanches
Feb 12	<i>Reading Break</i>	<i>Reading Break</i>
Feb 19	Review Class	<b>Midterm</b>
Feb 26	Continental Glaciation	Continental Glaciation Field Trip
Mar 5	Alpine Glaciation	Lab 5: Alpine Glacial Features
Mar 12	Periglacial Processes	Lab 6: McMurdo Dry Valleys
Mar 19	Fluvial Processes	Lab 7: Watersheds
Mar 26	Stream Assessment	Lab 8a: Stream Assessment
Apr 2	Fluvial Landforms	Lab 8b: Stream Assessment
Apr 9	Coastal Processes	Lab 9: Coastal Landforms

## 5. Basis of Student Assessment (Weighting)

Midterm Exam	25%
Final Exam	35%
Lab Exercises	<u>40%</u>
	100%

## 6. Grading System

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

## 7. 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.