

COURSE OUTLINE		
<b>TERM:</b> Fall 2018	<b>COURSE NO:</b> GEOG112	
<b>INSTRUCTOR:</b>	<b>COURSE TITLE:</b> PHYSICAL LANDSCAPES I	
<b>OFFICE:</b> <b>LOCAL:</b> <b>E-MAIL:</b> @capilanou.ca	<b>SECTION NO(S):</b>	<b>CREDITS:</b> 4.0
<b>OFFICE HOURS:</b>		
<b>COURSE WEBSITE:</b> moodle.capilanou.ca		

Capilano University acknowledges with respect the Lil'wat, Musqueam, Squamish, Sechelt, and Tsleil-Waututh people on whose territories our campuses are located.

### COURSE FORMAT

Three hours of class time twice per week for instructional activities including lectures, discussions, labs, activities, presentations, and evaluation for a 15-week term, which includes two weeks for final exams.

**COURSE PREREQUISITES/CO-REQUISITES** None.

### CALENDAR DESCRIPTION

This introductory physical geography course about Earth's landforms explores how plate tectonics operating below Earth's surface, and gravity, rivers, glaciers, waves and wind operating at Earth's surface, shape the natural landscape that surrounds us. The course focuses on Canadian landforms and emphasizes ways in which human activities are affecting natural processes.

### COURSE NOTE

GEOG 112 is an approved Science and Technology course for Cap Core requirements.

GEOG 112 is an approved Quantitative/Analytical course for baccalaureate degrees.

GEOG 112 is an approved Lab Science course.

GEOG 112 is an approved Science course.

### REQUIRED TEXTS AND/OR RESOURCES

- 1) Christopherson, Robert W, Mary-Louise Byrne, and Philip Giles, *Geosystems: an Introduction to Physical Geography. (4th Canadian ed.)*. Toronto: Pearson. 2015.
- 2) North Vancouver Topographic Map Sheet (92 G/6).

**COURSE STUDENT LEARNING OUTCOMES**

**On successful completion of this course, students will be able to do the following**

- identify basic landforms,
- describe the processes that create landforms,
- explain how human activities impact the physical environment, and
- read and interpret topographic maps.

**Students who complete this Science and Technology course will be able to do the following:**

- assess the impacts of human activity on natural systems and articulate ways in which environmental sustainability may be achieved,
- demonstrate how a problem, concept, or process can be modelled numerically, graphically, or algorithmically,
- explain how scientific inquiry is based on investigation of evidence and evolves based on new findings,
- apply numerical and computational strategies to solve problems.

**COURSE CONTENT**

Date	Topic	Labs
Week 1	Introduction to Physical Geography, Formation of the Earth	Scientific Methods; Math Review
Week 2	Structure of Earth, Minerals	Minerals
Week 3	Rock Cycle, Igneous Rocks	Topographic Maps
Week 4	Volcanoes	Scale
Week 5	Crustal Deformation	Scale
Week 6	Mountain Building	Direction
Week 7	Magnetism, Plate Tectonics Review	Contours
Week 8	Weathering	Gradient
Week 9	Mass Wasting	Gradient Application
Week 10	Ground Water	Cross-sections
Week 11	Fluvial Processes and Landforms	Stream Discharge
Week 12	Glacial Process and Landforms	Interpreting Landforms from maps and air photos
Week 13	Coastal Processes and Landforms	Comprehensive lab
Weeks 14 and 15	Final Exam Period	

**EVALUATION PROFILE**

Tests	25 %
Labs	25 %
Assignments	25 %
Term Project	25 %
Total	100 %

**GRADING PROFILE**

A+ = 90-100	B+ = 77-79	C+ = 67-69	D = 50-59
A = 85-89	B = 73-76	C = 63-66	F = 0-49
A- = 80-84	B- = 70-72	C- = 60-62	

**Incomplete Grades**

Grades of Incomplete "I" are assigned only in exceptional circumstances when a student requests extra time to complete their coursework. Such agreements are made only at the request of the student, who is responsible to determine from the instructor the outstanding requirements of the course.

**Late Assignments**

Assignments are due at the beginning of the class on the due date listed. Late assignments will not be accepted.

**Missed Exams/Quizzes/Labs etc**

Make-up exams, quizzes and/or tests are given at the discretion of the instructor. They are generally given only in medical emergencies or severe personal crises. Some missed labs or other activities may not be able to be accommodated. Please consult with your instructor.

**Attendance**

Students are expected to attend all classes and associated activities and are responsible for all materials and activities during the class. Except in the circumstances noted above missed assignments will not be accepted.

**English Usage**

Students are expected to proofread all written work for any grammatical, spelling and stylistic errors. Instructors may deduct marks for incorrect grammar and spelling in written assignments.

**Electronic Devices**

Students are encouraged to use electronic devices to take notes or look up information relative to the material being covered as long as the use of those devices does not distract others in the class. Students may not use electronic devices during quizzes or tests unless permitted by the instructor.

**On-line Communication**

Outside of the classroom, instructors will (if necessary) communicate with students using either their official Capilano University email or Moodle; please check both regularly. Official communication between Capilano University and students is delivered to students' Capilano University email addresses only.

## UNIVERSITY OPERATIONAL DETAILS

### Tools for Success

Many services are available to support student success for Capilano University students. A central navigation point for all services can be found at: <http://www.capilanou.ca/services/>

**Capilano University Security: download the [CapU Mobile Safety App](#)**

### Policy Statement (S2009-06)

Capilano University has policies on Academic Appeals (including appeal of final grade), Student Conduct, Academic Integrity, Academic Probation and other educational issues. These and other policies are available on the University website.

### Academic Integrity (S2017-05)

Any instance of academic dishonesty or breach of the standards of academic integrity is serious and students will be held accountable for their actions, whether acting alone or in a group. See policy S2017-05 for more information: <http://www.capilanou.ca/about/governance/policies/Policies/>

Violations of academic integrity, including dishonesty in assignments, examinations, or other academic performances, are prohibited and will be handled in accordance with the Student Academic Integrity Procedures.

**Academic dishonesty** is any act that breaches one or more of the principles of academic integrity. Acts of academic dishonesty may include but are not limited to the following types:

**Cheating:** Using or providing unauthorized aids, assistance or materials while preparing or completing assessments, or when completing practical work (in clinical, practicum, or lab settings), including but not limited to the following:

- Copying or attempting to copy the work of another during an assessment;
- Communicating work to another student during an examination;
- Using unauthorized aids, notes, or electronic devices or means during an examination;
- Unauthorized possession of an assessment or answer key; and/or,
- Submitting of a substantially similar assessment by two or more students, except in the case where such submission is specifically authorized by the instructor.

**Fraud:** Creation or use of falsified documents.

**Misuse or misrepresentation of sources:** Presenting source material in such a way as to distort its original purpose or implication(s); misattributing words, ideas, etc. to someone other than the original source; misrepresenting or manipulating research findings or data; and/or suppressing aspects of findings or data in order to present conclusions in a light other than the research, taken as a whole, would support.

**Plagiarism:** Presenting or submitting, as one's own work, the research, words, ideas, artistic imagery, arguments, calculations, illustrations, or diagrams of another person or persons without explicit or accurate citation or credit.

**Self-Plagiarism:** Submitting one's own work for credit in more than one course without the permission of the instructors, or re-submitting work, in whole or in part, for which credit has already been granted without permission of the instructors.

**Prohibited Conduct:** The following are examples of other conduct specifically prohibited:

- Taking unauthorized possession of the work of another student (for example, intercepting and removing such work from a photocopier or printer, or collecting the graded work of another student from a stack of papers);
- Falsifying one's own and/or other students' attendance in a course;
- Impersonating or allowing the impersonation of an individual;
- Modifying a graded assessment then submitting it for re-grading; or,
- Assisting or attempting to assist another person to commit any breach of academic integrity.

### **Sexual Violence and Misconduct**

All Members of the University Community have the right to work, teach and study in an environment that is free from all forms of sexual violence and misconduct. Policy B401 defines sexual assault as follows:

Sexual assault is any form of sexual contact that occurs without ongoing and freely given consent, including the threat of sexual contact without consent. Sexual assault can be committed by a stranger, someone known to the survivor or an intimate partner.

Safety and security at the University are a priority and any form of sexual violence and misconduct will not be tolerated or condoned. The University expects all Students and Members of the University Community to abide by all laws and University policies, including [B.401 Sexual Violence and Misconduct Policy](#) and [B.401.1 Sexual Violence and Misconduct Procedure](#).

**Emergencies:** Students are expected to familiarise themselves with the emergency policies where appropriate and the emergency procedures posted on the wall of the classroom.