COURSE OUTLINE
GEOG 376 PROCESS GEOMORPHOLOGY (CRN 11820)

Office Hours: M 2:00 – 4:00 pm, or by appointment
Office Location: DTB B124
Contact: ekwoll@uvic.ca

COURSE DESCRIPTION

This course follows the Introductory Geomorphology Course (GEOG 276). Here, we will dive into the processes that create and maintain landforms. We will explore the mechanics behind the creation and transport of sediment from hillslopes to low lying coastal settings. Lectures will encompass geomorphic processes in fluvial, coastal, glacial and periglacial settings. We will examine how changes in tectonics and climate affect surface processes in these settings and how these processes affect landscape evolution. We will also learn about methods that are used to study modern geomorphic processes today. These methods range from traditional to more advanced field instrumentation, laboratory experiments and numerical modelling. This course includes a field trip in the Greater Victoria Area.

LEARNING OUTCOMES

At the end of this course the students will be able to

- Explain the principle forces and feedbacks driving geomorphic processes on Earth
- Apply basic physical relations to solve geomorphic problems
- Evaluate the suitability of research methods for a given research problem
- Critically reflect on scientific articles on geomorphic research

REQUIRED TEXTS

Ritter, D.F., R.C. Kochel, and J.F. Miller (2011). Process Geomorphology (5/e). Waveland Press (ISBN 13: 978 1 57766 691 1). A copy will be on reserve in the library and previous

EVALUATION
Labassignments

for this course.
- Labs are due 1 week after assigned unless specified otherwise.
- All details regarding labs & their marks are managed by your TA. Please attend only the section for which you are registered.
- Please bring: calculator, ruler, protractor, and any other supplies recommended. Software for spreadsheet analyses and graphing (e.g., MS Excel, OpenOffice, etc.) will also be required for some labs and will be announced. Most computing labs on campus have these software.
- To help reduce the environmental impact of paper consumption, please submit assignments printed on both sides of the paper. Your TA may also agree to electronic (e.g., PDF) submissions, but please check with her personally.

2. Lateness policy:
- A deduction of 25% of the total mark per weekday (weekends count as 1 day) will be applied to all late lab assignments. Accommodations are made only for extenuating circumstances with proper medical or counselling documentation provided. Note that if you must miss a lab, please make arrangements with your TA in advance.

3. Examinations:
- The Mid term and the Lab Exam will be held during lecture on the dates shown below.
- Exam attendance is mandatory. Exceptions will be made only under the following conditions:
- The instructor is informed in person before the exam that the absence will occur. *Note: do not sit an exam if you are ill, provide medical documentation in advance.
- The student has proper written documentation of a serious medical or compassionate cause for the absence AND this documentation is provided either before or immediately after the exam;
- See UVic Course Calendar for official university guidelines. Please feel free to contact the course instructor with any concerns.

PLAGIARISM

If you include external sources in your lab assignments you must use proper citation and follow good scientific practice. For more details on when and how to cite, please see:
http://www.uvic.ca/learningandteaching/students/resources/expectations/
The labs will involve group work, however each student must submit their own lab assignment. Penalties will be given for duplicated assignments.

Policy on Academid Integrity: http://web.uvic.ca/calendar2015-01/FACS/UnIn/UARe/PoAcI.html

ACCESSIBILITY

Students with diverse learning styles and needs are welcome in this course. In particular, if you have a documented disability/health consideration that may require accommodations, please feel free to approach me and/or the Centre for Accessible Learning as soon as possible. The CAL staff are available by appointment to assess specific needs, provide referrals and arrange appropriate accommodations: http://www.uvic.ca/services/cal/ The sooner you let us know your needs the quicker we can assist you in achieving your learning goals in this course.

POSITIVITY AND SAFETY

The University of Victoria is committed to promoting, providing and protecting a positive and safe learning and working environment for all its members.

Course Experience Survey (CES)

I value your feedback on this course. Towards the end of term, as in all other courses at UVic, you will

havethe opportunity to completean anonymoussurveyregardingyour learningexperience(CES)The surveyis vital to providingfeedbackto me regardingthe courseand my teaching,aswell asto help the departmentimprovethe overallprogramfor studentsin the future. Thesurveyis accessedvia MyPage andcanbe doneon your laptop,tablet, or mobiledevice.I will remindyou andprovideyou with more detailedinformation nearerthe time but pleasebe thinkingabout this important activity duringthe course.

Lecture Outline (subject to change)

Important dates:
18. Sep.Lastdayto add this classto your agendato be ableto receivea passinggrade.
02. Oct Fieldtrip day! Wewill explorethe greaterVictoriaareaandtalk about geomorphologyin the field. Detailswill follow in class.

Week	Dates	Monday	Thursday	Lab		Reading
1	04.Sep r 08.Sep		Introduction			
2	11.Sep r 15.Sep	Key concepts	Climate& Topography	Lab1	Geotechnical	Text:Chapters1 2
3	18.Sep r 22.Sep	Weathering	MTest:04 Tm (1)Tj /TT9 1 Tf .50c95.4 Tm .001 Tc -.0001 Tw [((sub)5.3(ject to ch			