

**GEOGRAPHY 370:
HYDROLOGY**

DEPARTMENT OF GEOGRAPHY, UNIVERSITY OF VICTORIA

Course outline – Spring 2015

GENERAL INFORMATION

Dr. Shannon Fargey
Office: DTB B308
Email: fargey@.uvic.ca
Tel: 250-721-7342

Office hours: Monday 10:00 am to 12:00 pm
Thursday 2:00 pm to 3:00 pm
or by appointment

Lecture Information:

Time: Tues, Wed – 4:30 pm -5:50 pm
Location: DTB A104

Laboratory Information (*Section, Weekday, Time, Location*)

A01	W	10:30 am -12:20 pm	Business & Economics Building Lab
A02	R	4:30 - 6:20 pm	Business & Economics Building Lab
A03	F	8:30-10:20 am	Business & Economics Building Lab

Contact information for the TA will be provided on CourseSpaces.

COURSE DESCRIPTION

This course provides an overview of hydrological processes, measurement techniques and data analysis. The movement of water in the hydrologic cycle via precipitation, interception, evapotranspiration, surface runoff, infiltration, soil moisture, groundwater flow and streamflow generation will be examined. Applied aspects and local examples will be discussed. Lecture material is complimented by laboratory assignments and a field trip (hopefully!).

PREREQUISITIES

GEOG 272 or EOS 340

Note: 1.5 units of 100-level math, statistics and/or a computing course is strongly recommended. The laboratory assignments are numerically intensive at times and require familiarity with a spreadsheets or statistical graphing software such as MS Excel.

EVALUATION CRITERIA

Labs (6) = 50%

Midterm Test = 20% February 19^h during lecture period

Final Exam = 30% - Date/Time TBA

You must obtain a passing grade (i.e., ! 50%) in both the lecture and lab components to pass the course.

Exam format will include a combination of short-answer and multiple-choice questions. The questions for the term tests and final exam will be based on lectures, assigned readings, learning resources and class discussion. The term tests will cover only the topics discussed immediately preceding it. The final exam is comprehensive, although may be weighted more heavily on material not previously tested on.

FINAL GRADE ALLOCATION:

A+	A	A-	B+	B	B-	C+	C	D	F
90-	85-	80-	75-						
100%	89%	84%	79%						

REQUIRED TEXTBOOK

Hendriks, M.R. (2010). Introduction to Physical Hydrology. Oxford University Press (available at the University Bookstore)

In addition, a list of supplemental readings and learning materials will be posted on CourseSpaces throughout the term.

COURSE COMMUNICATION

CourseSpaces learning management systems (LMS) will serve as the main avenue of communication in this course (<http://coursespaces.uvic.ca>). Please monitor the page on a regular basis for course announcements, readings assignments and lecture handouts. If you are having difficulty logging in or password problems, contact the Computer Help Desk Email: helpdesk@uvic.ca, Tel: 250-

Lab assignments:

- Late assignments will be penalized 20% per day (including weekends and holidays). Exceptions will only be granted for documented medical or compassionate reasons. Only the course instructor can grant exceptions.
- All assignments must be submitted to write the final exam.
- Details regarding your labs and their marks are managed by the course TA. Please discuss any issues on labs with your TA first.
- Please attend only the laboratory section for which you are registered. If you must miss a lab for exceptional circumstances please make arrangements with your TA in advance to attend another section.
- Conflicts with holidays or travel plans are not considered an acceptable reason to apply for an assignment extension.

STUDENT RESPONSIBILITIES

- A high level of student cooperation and participation, involving asking and answering questions during the lectures.
- *Cell phones and portable music players must be turned off or silenced during lectures. Students are also required to remove earphones.*
- Students are expected to be punctual for classes.
- Students are required to attend all lectures and take notes. Not all material provided in the lecture handouts is covered in assigned readings and learning resources.
- Not all assigned readings and learning resources will be covered in the lectures but may be covered in the exams.

CLASS CLIMATE

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

The University of Victoria has made a conscientious effort to increase diversity in the student, staff and faculty member populations. To ensure that all class members feel welcomed and equally able to contribu

ACADEMIC INTEGRITY

Academic dishonesty (plagiarism, cheating) is a very serious matter in any academic institution and is dealt with severely at the University of Victoria.

The responsibility of the institution: Instructors and academic units have the

TENTATIVE LECTURE SCHEDULE*

(Week, Topic,

GEOG 370 - LAB INFORMATION

LAB ASSIGNMENTS INFORMATION

Lab assignments are due at the beginning