



COURSE OUTLINE

GEOG102

INTRODUCTION TO PHYSICAL GEOGRAPHY II

**45 HOURS
3 CREDITS**

PREPARED BY: Mary Samolczyk, Instructor

DATE: January 01, 2017

APPROVED BY: Margaret Dumkee, Dean

DATE:

APPROVED BY ACADEMIC COUNCIL:



GEOG102 Course Outline by Mary Samolczyk is licensed under a [Creative Commons Attribution-NonCommercial-ShareAlike 4.0 International License](https://creativecommons.org/licenses/by-nc-sa/4.0/).

INTRODUCTION TO PHYSICAL GEOGRAPHY II

INSTRUCTOR: Mary Samolczyk	OFFICE HOURS: M/W 2:30 - 3:30 pm
OFFICE LOCATION: T1090	CLASSROOM: A2204 (lec), A2801 (lab)
E-MAIL: msamolczyk@yukoncollege.yk.ca	TIME: M/W 1:00 - 2:30 pm (lec) F 10:00 am - 12:00 pm (lab)
TELEPHONE: (867) 668-6957	DATES: Jan. 4 - Apr. 21, 2017

COURSE DESCRIPTION

GEOG 102 is an introduction to the physical environment and methods of earth system research. The basic principles and processes that govern climate-landform-vegetation-soil systems on the surface of the earth will be examined from a systems perspective. Natural and human-induced changes in environmental systems through time will also be addressed. Issues of spatial and temporal scale, in the context of earth systems, will be demonstrated by map construction, map and airphoto interpretation, field and laboratory investigations and principles of geographic information systems and remote sensing. GEOG 102 is the complementary course of GEOG 101; the two courses are taught as a single unit.

EQUIVALENCY OR TRANSFERABILITY

UBC with GEOG 102, GEOG 101 (3)
SFU GEOG 111 (3)
UVic GEOG 213 (1.5) or GEOG 100PL (1.5)
UNBC GEOG 210 (3)
URegina with GEOG 102, GEOG 221 (6)
UAF GEOG 205 (3)

UAS GEOG 205 (3)
BCOU GEOG 110 (3)

LEARNING OUTCOMES

Upon successful completion of the course students will:

- Understand the development of the planet through geologic and tectonic activity.
- Be able to identify surface formations created by fluvial, glacial, aeolian, weathering, mass movement and coastal processes.
- Understand the concept of earth systems research including the interactions between the landscape, climate, and biophysical features.
- Have developed some comfort in a field setting.
- Be able to provide examples of current research and work taking place throughout Yukon Territory and understand its implications.
- Be able to critically analyze a piece of peer-reviewed literature and discuss it with their peers.

COURSE FORMAT:

The class will combine lectures and laboratory exercises.

Lectures

Lectures will primarily follow the course text, but will expand upon the material covered.

Laboratory Exercises

Laboratory exercises will explore geographic principles introduced in the lectures and readings. They are designed to give students experience with tools used in Geography (ie. air photos, topographic maps, compasses, etc.) and hands-on experience. Some labs will take the form of short field excursions.

ASSESSMENTS

Attendance and Participation

Students are strongly encouraged to attend all lectures and laboratory exercises. Lab exercises can be completed only during lab periods and materials may not be available outside these hours. Off-campus field exercises must be completed during the allocated time with the instructor present.

Lecture Assignments

There will be two lecture assignments: critique of peer-reviewed literature (Assignment #1) and physical geography in the news (Assignment #2).

The critique of peer-reviewed literature assignment will require you to read, digest, and critique a peer-reviewed journal article and then present your findings to the class. The goal of this assignment is to introduce you to the world of peer-reviewed literature, to learn to critically evaluate research, and to learn to articulate and present your work. This assignment is due on Wednesday, February 15th at the start of class.

The physical geography in the news assignment will require you to research a current event/issue linked to physical geography and report on it in two different forms - a short two page, properly cited, research paper and a brochure that could be used to engage the general public in the event/issue. The goal of this assignment is to provide you with experience in two major realms in which physical geographers need to communicate - the academic realm and the public realm. This assignment is due on Monday, April 3rd at the start of class.

Laboratory Assignments

Laboratory assignments will generally take the form of question sets that can be answered through hands-on participation in laboratory sessions. They will be due one week after they have been assigned, in the subsequent lab period. You must bring a pen, pencil, coloured pencils, a ruler, calculator, and protractor to labs.

Examinations

A midterm examination is scheduled during class on Monday, February 27th. The final examination will be scheduled during the final exam period.

EVALUATION

Note: Both the lab and the lecture portion of the course must be passed (>50%) in order to pass the course.

Tests and Assignments	Weight
Weekly Lab Assignments	40%
Lecture Midterm Exam	10%
Lecture Final Exam	20%
Assignment #1	15%
Assignment #2	15%
Total	100%

REQUIRED TEXTBOOKS AND MATERIALS

Christopherson, R.W. & Byrne, M.L. 2008. Geosystems: An introduction to Physical Geography. Canadian Edition. Prentice-Hall Canada, Inc.: Toronto. 768 pp.

Laboratory materials will be distributed during the lab sessions.

Various other reference materials may be used throughout the course. These will be announced by the course instructor prior to a required reading assignment.

ACADEMIC AND STUDENT CONDUCT

Information on academic standing and student rights and responsibilities can be found in the current Academic Regulations that are posted on the Student Services/ Admissions & Registration web page.

PLAGIARISM

Plagiarism is a serious academic offence. Plagiarism occurs when students present the words of someone else as their own. Plagiarism can be the deliberate use of a whole piece of another person's writing, but more frequently it occurs when students fail to acknowledge and document sources from which they have taken material. Whenever the words, research or ideas of others are directly quoted or

paraphrased, they must be documented according to an accepted manuscript style (e.g., APA, CSE, MLA, etc.). Resubmitting a paper which has previously received credit is also considered plagiarism. Students who plagiarize material for assignments will receive a mark of zero (F) on the assignment and may fail the course. Plagiarism may also result in dismissal from a program of study or the College.

YUKON FIRST NATIONS CORE COMPETENCY

Yukon College recognizes that a greater understanding and awareness of Yukon First Nations history, culture and journey towards self-determination will help to build positive relationships among all Yukon citizens. As a result, to graduate from ANY Yukon College program, you will be required to achieve core competency in knowledge of Yukon First Nations. For details, please see www.yukoncollege.yk.ca/yfnccr.

ACADEMIC ACCOMMODATION

Reasonable accommodations are available for students requiring an academic accommodation to fully participate in this class. These accommodations are available for students with a documented disability, chronic condition or any other grounds specified in section 8.0 of the Yukon College Academic Regulations (available on the Yukon College website). It is the student's responsibility to seek these accommodations. If a student requires an academic accommodation, he/she should contact the Learning Assistance Centre (LAC) at (867) 668-8785 or lassist@yukoncollege.yk.ca.