Instructor: Dr. Andrew Davidson, 613-793-2950, andrew.davidson@carleton.ca (put GEOG 2020 in subject).

Schedule: Lectures: Mondays 18:05 – 20:55, Location: TBD

Office hours: Before and after class (or email me to make an appointment).

Prerequisite(s): GEOG 1010 or ERTH 1006 or ERTH 1010 or ISCI 1001. Precludes additional credit for GEOG 2102.

Course description: Canadians have a strong sense of pride in the physical environment; it is a big part of the Canadian psyche, and we would all like to understand it better. The land base is vast, the physical landscapes are wonderfully varied, the processes in action interestingly diverse. This course will apply the principles that you have already learnt in GEOG 1010 to Canada. The aim is (1) to provide a general survey of Canada’s physical environments, a broad examination of the different processes that shape Canada as we know it; and (2) to highlight individual features of the Canadian physical environment that are particularly special. I hope to focus on the positive aspects of Canada’s physical heritage. We hear plenty about problems but not enough about wonderful things. By the end of the course you should have a basic understanding of the physical features of Canada.

Topics will include:

- Rocks, Surface deposits, Soils
- Climate, Vegetation, Ecological regions
- Water, Weather, Climate
- Glaciers, Landslides, Rivers
- Dunes, Coasts, Permafrost

Recommended readings: There is no one textbook that covers the breadth of material in this course, so there is no required text. However, there are readings and it is important that you do them (see list on cuLearn). It will be most helpful if you revise what you learned in GEOG 1010 by reading the relevant parts of a physical geography textbook before you come to class. Any Canadian edition of a Physical Geography textbook will be fine.

Examples include:

- Christopherson and Byrne: Canadian Geosystems: An Introduction to Physical Environments, 2nd edition, Canadian, Pearson, GB54.5 .C48 2009. You probably already have this from GEOG 1010. It is very good for revising the basic material.

*These eight books are available on reserve at the MacOdrum Library

**Format:** Most of the topics will have two parts: a general lecture to provide an overview of how that topic relates to Canada; and a couple of focus topics that highlight particular features or places. I plan to have a number of guest speakers outlining key issues in Canadian physical geography. The final two classes will be a mini-conference where you present your posters. There is an in-class mid-term test and a final scheduled exam.

**Evaluation:** The format of tests will include some multiple-choice questions, some diagram questions (such as filling in labels, interpreting graphs or maps), and some short answer questions (such as fill-in-the-blanks, or definitions). Tests are not cumulative – the two tests each cover approximately one half of the course material. Criteria for grading include spelling, grammar, format as well as academic content, especially for assignments. Standing in a course is determined by the course instructor subject to the approval of the Faculty Dean. This means that grades submitted by the instructor may be subject to revision. No grades are final until they have been approved by the Dean.

Assignments: 40%
Mid-term: 20%
Final: 40%

**Assignments:** There will be three assignments throughout the term, in total worth 40%. For all the exercises you may collaborate with others in working through the assignments, but you must prepare and submit your own separate report or poster, written in your own words. Please take note of Carleton’s policy on plagiarism (below), especially for the poster. All illustrative material must be carefully acknowledged (including material produced by fellow students). Late assignments will be deducted marks at 5% a day. After 5 days, a 0 grade will be given (unless accompanied by relevant documentation such as a doctor’s note).

**Examinations:** There will be one in-class term test (given in the normal lecture period) and a final exam (held during the scheduled exam period at the end of term). These will be in the form of short answers, diagrams, etc. The content of the tests will be discussed in class prior to their respective dates.

**Notes:** Make sure you are properly registered. You should ensure that you have the skills required to take the course. It is important that you have done a first year prerequisite.

**Academic conduct:**

**Instructional & Conduct Offences:**

Instructional offences include among other activities cheating, contravening examination regulations, plagiarism, submitting similar work in 2 or more courses without prior permission, and disrupting classes. Conduct offences apply in areas of discrimination and sexual harassment. Further information about University regulations which define and regulate these offences is presented in the UG Calendar.
Some of the section on plagiarism is reproduced below, because it is the most common academic offence, and one that can sometimes be committed inadvertently. (Please note that plagiarism also applies to images that you present without acknowledgement).

**Plagiarism:**

Plagiarism will not be tolerated. Students should consult the Academic Integrity Policy at http://www2.carleton.ca/studentaffairs/academic-integrity.

Plagiarism: The University Senate defines plagiarism as “presenting, whether intentionally or not, the ideas, expression of ideas or work of others as one’s own.” This can include:

- reproducing or paraphrasing portions of someone else’s published or unpublished material, regardless of the source, and presenting these as one’s own without proper citation or reference to the original source;
- submitting a take-home examination, essay, laboratory report or other assignment written, in whole or in part, by someone else;
- using ideas or direct, verbatim quotations, or paraphrased material, concepts, or ideas without appropriate acknowledgment in any academic assignment;
- using another’s data or research findings;
- failing to acknowledge sources through the use of proper citations when using another’s works and/or failing to use quotation marks;
- handing in "substantially the same piece of work for academic credit more than once without prior written permission of the course instructor in which the submission occurs."

Plagiarism is a serious offence, which cannot be resolved directly with the course’s instructor. The Associate Deans of the Faculty conduct a rigorous investigation, including an interview with the student, when an instructor suspects a piece of work has been plagiarized. Penalties are not trivial. They can include a final grade of "F" for the course.

**Requests for Academic Accommodations**

You may need special arrangements to meet your academic obligations during the term because of disability, pregnancy, or religious obligations. Please review the course outline and write to me with any requests for academic accommodation during the first two weeks of class, or as soon as possible after the need for accommodation is known to exist. For more details visit the Equity Services website: http://www2.carleton.ca/equity/

Students with disabilities requiring academic accommodations in this course must register with the Paul Menton Centre for Students with Disabilities (PMC) for a formal evaluation of disability-related needs. Documented disabilities could include but are not limited to mobility/physical impairments, specific Learning Disabilities (LD), psychiatric/psychological disabilities, sensory disabilities, Attention Deficit Hyperactivity Disorder (ADHD), Autism Spectrum Disorders (ASD), and chronic medical conditions. If you have a disability requiring academic accommodations in this course, please contact PMC at 613-520-6608 or pmc@carleton.ca. Registered PMC students are required to contact your PMC coordinator no later than two weeks before the first in-class scheduled test or exam requiring accommodation to ensure that your instructor receives your **Letter of Accommodation.** If you only require accommodations for your formally scheduled exam, please submit your request for accommodations to PMC by Nov. 10 (see http://www2.carleton.ca/pmc/new-and-current-students/dates-and-deadlines/ )