

COURSE OUTLINE 2007 (WINTER)

**GEOGRAPHY 313 H(3-2) (AREAIII)
SOILS AND VEGETATION**

Timetable: WINTER SESSION

Lec 01	TR	08:00	075	MFH 160 (Murray Fraser Hall)
Lab 01	M	12:00	110	ES 355 (Earth Sciences Building)
Lab 02	F	13:00	110	ES 355 (Earth Sciences Building)
Lab 03	R	14:00	110	ES 355 (Earth Sciences Building)

Instructor:

Dr. Dana Naldrett

Office: ES456

Office Hour: Tues 10-11 or by appt

Phone: 220-2894

Email: naldrett@ucalgary.ca

TA:

Mike Jacobson

TBA

TBA

TBA

mmjacobs@ucalgary.ca

Course Content:

Emphasis is on soil physical, chemical and biological properties, and the environmental and spatial relationships of vegetation. The patterns and processes of world vegetation are related to the associated soils, and environmental conditions and stresses are emphasized.

Labs consist of activities designed to understand better the factors contributing to plant community characteristics: natural and human induced changes in soils and vegetation and recognize important physical chemical and biological priorities of soils through laboratory testing and analysis.

Grading:

First intra-session test	20% (Thursday February 1 st)
Second intra-session test	20% (Thursday March 8 th)
Third intra-session test	25% (Thursday, April 12 th)
Laboratory assignments (6)	35%

Students must carry out all four grading components and earn an overall 50% mark (D grade) or higher to pass the course. Late lab assignments will not be marked, and all assignments must be written in pen or typed to be accepted. All lab assignments must be submitted to the drop box as indicated by the professor or TA.

Course communication: All lecture material will be posted on blackboard; any student communication with the professor or TA must be done through Blackboard so a clear course identification is present in the subject line of the email.

Percentages below indicate the standard required for each letter grade; these (standards) may be lowered but will not be raised.

95.0 to 100	A+
90.0 to 94.9	A
85.0 to 89.9	A-
80.0 to 84.9	B+
76.0 to 79,9	B
72.0 to 79,9	B-
67.0 to 71,9	C+
63.0 to 68.9	C
59.0 to 62.9	C-
54.0 to 58.9	D+
50.0 to 53.0	D
less than 50.0	F

Required Text:

Ganderton and Coker, *Environmental Biogeography*, 2005. Pearson- Prentice Hall, NJ.
This text will be used for some of the course lectures, and for the labs.

Another useful text for soils (not required) is:

Brady and Weil, *The Nature and Properties of Soils*, Prentice Hall, NJ. 12th edition or later.

Prerequisite: Geography 201, Geology 201, 209 or permission of the Department

Note that because the course is full and it is capped at 75 students with one TA, no overloading will be done. Any changes in lab section must be approved by the professor, and must be done by switching with someone willing to change sections- no overloading of labs will be allowed.

For additional detailed course information posted by the Instructor see Blackboard at: <http://blackboard.ucalgary.ca/>

Plagiarism

Academic dishonesty is not an acceptable activity at the University of Calgary and students are **strongly advised** to read the Student Misconduct section in the University Calendar. Quite often, students are unaware of what constitutes academic dishonesty or plagiarism. The most common are 1) presenting another student's work as your own 2) presenting an author's work or ideas as your own without proper referencing and 3) using work completed for another course. This activity will not be tolerated in this course and students conducting themselves in this manner will be dealt with according to the procedures outlined in the calendar.

Disability Resource Centre Accommodations

It is the student's responsibility to request academic accommodations. If you are a student with a documented disability who may require academic accommodation and have not registered with the Disability Resource Centre, please contact their office at 220-8237. Students who have not registered with the Disability Resource Centre are not eligible for formal academic accommodation. You are also required to discuss your needs with your instructor no later than fourteen (14) days after the start of this course.

Re: Posting of Grades and Picking-up of Assignments

- All assignments will be handles on Blackboard.
- Their own grades will be available to each student on Blackboard by password access. Grades will **not** be available at Geography's main office.

Contact Information for Student and Faculty Representation

- SU VP Academic Phone: 220-3911 and e-mail: suvpaca@ucalgary.ca
- SU Faculty Rep. Phone: 220-3913 and e-mail: socialscirep@su.ucalgary.ca

Campus Safewalk

Campus Security, in partnership with the Students' Union, provides the Safewalk service, 24 hours a day, to any location on Campus including the LRT, parking lots, bus zones and University residences. Contact Campus Security at 220-5333 or use a help phone, and Safewalkers or a Campus Security officer will accompany you to your Campus destination.