



FINAL COURSE OUTLINE 2009 (FALL)

GEOGRAPHY 603 H(3-3) (AREA III) REMOTE SENSING: BASICS AND BEYOND

Timetable: FALL SESSION

CATALOGUE #: 2586

Lec 01 TH 11:00 75 KNB 128
Lab 01 M 10:00 170 ES 415

Please note: the appropriate emergency evacuation assembly point for classes taught in Kinesiology is MacEwan Student Centre, North Courtyard and classes taught in Earth Sciences is ICT Food Court.

Course Assistant: Chris Fuller

Instructor: Greg McDermid

Office: ES 320

Phone: 220-4780

E-mail: mcdermid@ucalgary.ca

Office Hours: By appointment

Office: TBA

Phone: TBA

E-mail: Contact through Blackboard

Office Hours: TBA

Description: This course is designed to introduce the applications of remote sensing and techniques of digital image processing. Emphasis is on the use of satellite remote sensing data and methods in practical applications, including, image transformations and classification for identifying vegetation, geomorphic, geologic, and cultural features. Remote sensing is an increasingly useful information resource for managers and scientists, but data sources are becoming more varied and analysis techniques more complex. This course will provide a solid background in the application of image processing techniques in lecture, laboratory, and project settings.

Grading (Weighting):

1. Five Laboratory Assignments	45%
2. Three Term Tests	
Term Test #1	10%
Term Test #2	10%
Term Test #3	10%
3. Term Project	
Proposal	4%
Report	16%
Presentation	5%

There is no Registrar-scheduled final exam for this course

Note: it is not necessary to pass each course component in order to pass the course.

Grades arising from group work may be re-distributed amongst group members at the discretion of the instructor.

Required Text Books: Lillesand et al. Remote Sensing and Image Interpretation, 6th Edition. Wiley.

Northey et al. Making Sense, A Student's Guide to Research and Writing, Fourth Ed. Oxford University Press.

Prerequisites: Consent of the department.

Additional Fees: N/A

Grading System:

96-100	A+	77-80	B	59-61	C-
90-95	A	71-76	B-	55-58	D+
86-89	A-	65-70	C+	50-54	D
81-85	B+	62-64	C	0-49	F

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.

Posting of Grades and Picking-up of Assignments

- Assignments will be handed back only in class or by the Professor at pre-arranged time(s).
- To receive your assignment back via mail, please include an appropriately sized self-addressed, stamped envelope with your assignment when handing in to the professor.
- Posting of grades will be at the discretion of each Professor and, if posted, they will be scrambled. 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.

