

**GEOGRAPHY 433
H(2-3) Area III**

Remote Sensing II

Timetable: Lec 01 MW 8:00 SA 147
Lab 01 M 9:30 ES 307
Lab 02 F 8:00 ES 307

Instructor

Greg McDermid
Office: ES 320
Phone: 220-4780
mcdermid@ucalgary.ca
Office Hours: By
appointment

Teaching Assistant

Ryan Powers
Office: ES 904
Phone: 210-8761
rppowers@ucalgary.ca
Office Hours: TBA

Course Assistant

Muhammad Tubbsum
Office: ES 406
Phone: 220-5588
mitubbsu@ucalgary.ca

Official Course Description:

Principles of earth resource analysis using digital images collected from instruments on airborne and spaceborne platforms. The full range of the electromagnetic spectrum currently used in remote sensing. Emphasis will be given to complementing conventional data and methods with automated techniques.

Prerequisite:

Geography 333 and 339

Supplementary Fees: (*field trips etc*). N/A.

Text(s)/Readings: Jensen, J. R., Introductory Digital Image Processing: A Remote Sensing Perspective, Third Ed., Prentice Hall. Other readings to be announced.

Grading (Weighting):

Lab 1	10%	January 29/February 2
Lab 2	10%	February 12/16
Lab 3	10%	March 5/9
Lab 4	10%	March 19/23
Term Project Proposal	5%	February 28
Presentation	5%	April 4-11
Report	20%	April 20
Final Exam	30%	To be scheduled by the Registrar
Total	100%	

Note: It is not necessary to pass each course component in order to pass the course. Marks awarded for group work (i.e. Term Project components) may be subject to re-distribution amongst group members in the event of extreme imbalances amongst the contributions of individuals at the discretion of the instructor.

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

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.

Re: 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.

"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."