



**GEOGRAPHY FINAL COURSE OUTLINE: WINTER 2012  
GEOGRAPHY 433  
H(3-3)**

**Remote Sensing II**

<b>Section</b>	<b>Days</b>	<b>Times</b>	<b>Location</b>
LEC01	TuTh	15:30-16:45	ES 342
LAB01	Th	09:00-11:45	ES 407

Instructor: Mryka Hall-Beyer	Office: ES458
Telephone: 220 6586	Email: <a href="mailto:mhallbey@ucalgary.ca">mhallbey@ucalgary.ca</a>

Please note: The appropriate emergency evacuation assembly point for classes taught in Earth Sciences is ICT food court.

**Official Course Description:**

Principles of earth resource analysis using digital images collected from instruments on airborne and space borne 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. 2005. Introductory Digital Image Processing: A Remote Sensing Perspective: third edition (or later if available).

**Grading (Weighting):**

Labs:	Total	40%	
Lab 1			5%
Lab 2			10%
Lab 3			5%
Lab 4			10%
Lab 5			10%
Term test		25%	
Project:	Total	35%	
Project bibliography			5%
Project paper			15%
Project presentation			15%

**There is no final examination for this course.**

Each of the Labs, Term test and Project must be passed to pass the course; individual elements of the Labs or Project need not pass, so long as the component average is passing.

**Grading System:**

The following marking scheme will be used. Material marked using a letter grade will average as the midpoint of the grade range, shown in parentheses.

95-100	A+ (97.5)	75-78.99	B (77)	58-60.99	C- (59.5)
87-94.99	A (91)	71-74.99	B- (73)	54-57.99	D+ (56)
83-86.99	A- (85)	65-70.99	C+ (68)	50-53.99	D (52)
79-82.99	B+ (80.5)	61-64.99	C (63)	0-49.99	F (0)

Material marked using letter grades will use the following interpretation:

A+	Outstanding performance
A	Excellent-superior performance, showing comprehensive understanding of subject
A-	↑ Good - clearly above average performance
B+	
B	
B-	↑ Satisfactory performance – basic understanding of the subject sufficient for further study in the specialty
C+	
C	
C-	↑ Minimal Pass-marginal performance, insufficient for further study in the specialty
D+	
D	
F	Fail - - poor performance

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

### Writing across the Curriculum

Writing skills are not exclusive to English courses and, in fact, should cross all disciplines. The University supports the belief that throughout their University careers, students should be taught how to write well so that when they graduate their writing abilities will be far above the minimal standards required at entrance. Consistent with this belief, students are expected to do a substantial amount of writing in their University courses and, where appropriate, members of faculty can and should use writing and the grading thereof as a factor in the evaluation of student work. The services provided by the Writing Centre in the Effective Writing Office can be utilized by all undergraduate and graduate students who feel they require further assistance.

### Principles of Conduct

The University of Calgary Calendar includes a statement on the Principles of conduct expected of all members of the University community (including students, faculty, administrators, any category of staff, practicum supervisors and volunteers) whether on or off the University's property. This statement applies in all situations where the members of the University community are acting in their University capacities. All Members of the University Community have a responsibility to familiarize themselves with this statement which is available at:  
<http://www.ucalgary.ca/pubs/calendar/current/i-2.html>

### 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. <http://www.ucalgary.ca/honesty/plagiarism>

### **Disability Resource Centre 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.

### **Freedom of Information and Protection of Privacy**

*FOIP:* The Freedom of Information and Protection of Privacy (FOIP) legislation disallows the practice of having students retrieve assignments from a public place, e.g., outside instructor's office, the department office, etc.

### **Re: Posting of Grades and Picking-up of Assignments**

- All assignments will be handled through Blackboard or personally.
- Their own grades and instructor comments 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](mailto:suvpaca@ucalgary.ca)
- SU Faculty Rep. Phone: 220-3913 and e-mail: [arts1@ucalgary.ca](mailto:arts1@ucalgary.ca)
- The students ombudsman office information can be found at: <http://www.su.ucalgary.ca/page/affordability-accessibility/su-structure/contact-info>

### **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.

### **Faculty of Arts Program Advising and Student Information Resources**

- Have a question, but not sure where to start? The new Faculty of Arts Program Information Centre (PIC) is your information resource for everything in Arts! Drop in at SS110, call us at 403-220-3580 or email us at [artsads@ucalgary.ca](mailto:artsads@ucalgary.ca). You can also visit the Faculty of Arts website at <http://arts.ucalgary.ca/undergraduate> which has detailed information on common academic concerns.
- For program planning and advice, contact the Student Success Centre (formerly the Undergraduate programs Office) at (403) 220-5881 or visit them in their new space on the 3<sup>rd</sup> Floor of the Taylor Family Digital Library.
- For registration (add/drop/swap), paying fees and assistance with your Student Centre, contact Enrolment Services at (403) 210-ROCK [7625] or visit them at the MacKimmie Library Block.

Contact for Students Union Representatives for the Faculty of Arts:

[arts1@su.ucalgary.ca](mailto:arts1@su.ucalgary.ca), [arts2@su.ucalgary.ca](mailto:arts2@su.ucalgary.ca), [arts3@su.ucalgary.ca](mailto:arts3@su.ucalgary.ca), [arts4@su.ucalgary.ca](mailto:arts4@su.ucalgary.ca)

