

**GEOGRAPHY 607
GFC Hours (3-3)**

Geography Information Systems: Basics and Beyond

Timetable:	Lec01	Tu	13:00 - 15:45	ES 920
	Lab01	W	10:00 - 12:45	ES 415

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

Instructor: Greg McDermid	Office: ES 320
Tel: 220 4780	Email: mcdermid@ucalgary.ca
TA: David Laskin	Contact through Blackboard
Course Asst: Bart Hulshof	Office: ES 402
Tel: 220-8855	Contact through Blackboard

Official Course Description:

Introduction to the world of Geographic Information Systems (GIS). Includes: representing reality in the digital realm, georeferencing, data structures, software history and comparison, and the full spectrum of analytical approaches associated with advanced GIS software. A major part of the work will be hands on. Software is used as a vehicle for taking the theory and concepts into a working reality.

Prerequisite:

Consent of the department

Supplementary Fees: *(field trips etc). If these were not included in the registration fee, please see Catherine*

Grading (Weighted)

1. Laboratory Assignments (five labs worth 8% each)	40%
2. ESRI Virtual Campus Course	5%
3. Term Tests (three tests worth 10% each)	30%
4. Term Project	
Proposal	5%
Report	15%
Presentation	5%

The final exam will be scheduled by the Registrar.

Note: You **MUST** pass each individual elements/components of Geog 607 (including the ESRI Virtual Campus Courses) in order to pass the course as a whole.

The only acceptable reasons for missing an examination or assignment in this class, as listed in the Deferral of Final Examinations section of the University of Calgary Calendar are illness, domestic affliction, or religious conviction. If you miss an assignment or examination, and you provide me with the appropriate documentation, you will have one opportunity to make

arrangements for the missed work. Without appropriate documentation, you will receive a zero for that portion of your grade.

Required Text:

P. A. Longley, M. F. Goodchild, D. J. Maguire, D. W. Rhind, 2020: Geographic Information Systems and Science, 3rd Edition. Wiley.

Recommended Text:

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

Note: Readings from other sources may be assigned. Notifications of these will be posted on Blackboard.

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: suypaca@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.