



**GEOGRAPHY 339 COURSE OUTLINE: FALL 2011
H (3-3) (AREA III)**

ANALYTICAL METHODS IN GEOGRAPHY I

Section	Days	Time	Location
LEC01	MoWeFr	13:00 - 13:50	ST 139

Instructor: John Yackel	Office: ES 408
Telephone: 220 4892	Email: yackel@ucalgary.ca
Teaching Assistant: Carina Butterworth	Email: carina_butterworth@yahoo.ca

Please note: The emergency evacuation assembly point for classes taught in Science Theatres is ICT food court.

Course Content:

The field of Geography is marked by diversity in subject matter, which includes physical (environmental), human (socio-economic), and integrated (human-physical) topics of inquiry. It is therefore not surprising to learn that there exist a variety of analytical methods which geographers employ. This course serves as an introduction to these analytical approaches, taking you from the collection and presentation of geographic data to analysis and interpretation. The course is targeted for undergraduate students in geography and related disciplines with limited backgrounds in statistical approaches to geographic problem solving. Analytical examples and problem solving will involve the use of statistical computer packages. Students will leave this course with knowledge and experience in 'stats' and an appreciation for how they are applied to geographic issues.

Grading:

- 2 in-class tests (Oct 17 and Nov 21) 2 x 15% = 30%
- 5 lab assignments 5 x 5% = 25%
- 1 in class group assignment + 1 pop quiz (dates TBD) 2 x 2.5% = 5%
- Registrar-scheduled final exam = 40%

Grading Scheme:

A+	90-100	B+	77-79.9	C+	67-69.9	D+	57-59.9	F	0-49.9
A	85-89.9	B	73-76.9	C	63-66.9	D	53-56.9		
A-	80-84.9	B-	70-72.9	C-	60-62.9	D-	50-52.9		

Required Text:

An Introduction to Statistical Problem Solving in Geography, 2nd edition by J. Chapman McGrew Jr., and Charles B. Monroe, published by McGraw Hill, 2000.

Resource Materials:

There is no shortage of statistical reference material to choose from. If you are having difficulty understanding a concept in class or in the lab, it often helps to check out an

alternative source of information. It may also provide you with a different example to work with. In addition to material in the McKimmie Library, the following list of titles is available in the Map Collections Room (4th floor ES).

Taylor, P.J. (1983). *Quantitative Methods in Geography: An Introduction to Spatial Analysis*, Prospect Heights Ill., Waveland Press Inc.

Gregory, S. (1973). *Statistical Methods and the Geographer*. London, Longman Group Limited.

Ebdon, D.E. (1985). *Statistics in Geography*. Oxford, Basil Blackwell

Blalock Jr, H.M. (1972). *Social Statistics*. New York, McGraw-Hill Book Company

Griffith, D.A., and C.G. Amrhein. (1991). *Statistical Analysis for Geographers*. Englewood Cliffs, Prentice Hall Inc.

McClave, J.T., and P.G. Benson. (1992). *A First Course in Business Statistics*. New York, MacMillan Publishing Company.

Late Policy:

Lab assignments are to be worked on individually and are due at the beginning of the lab sessions as indicated in the class schedule (see attached) and are to be handed in to the Teaching Assistant for the course. There are no exceptions and those assignments handed in late will be subject to an immediate 10% penalty followed by a 10% reduction in grade for each day thereafter (weekend and holidays included). Medical related circumstances will require a note from a physician.

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/j-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. Term assignments will be returned to students individually, during class or during the instructor's office hours; if students are unable to pick up their assignments from the instructor, they provide the instructor with a stamped, self-addressed envelope to be used for the return of the assignment.

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: suypaca@ucalgary.ca
- SU Faculty Rep. Phone: 220-3913 and e-mail: 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.