

**GEOGRAPHY 605  
GFC Hours (3-3)**

**Statistic Analysis: Basic & Beyond**

**Instructor: Paul Plummer**

**Official Course Description:**

Introduction to applied statistics, particularly as they are used in geographical analysis. Topics include sampling design, summary statistics, probability theory, inferential statistics, and multivariate analysis. Laboratory exercises give students hands-on experience in computer-based statistical analysis.

**Prerequisite:**

Consent from the department

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

**Text(s)/Readings:**

Fox, J (2008) *Applied Regression Analysis, Linear Models, and Related Methods* (Sage Publications: California). Available from the bookstore.

Fox, J (2008) *An R and S-Plus Companion to Applied Regression* (Sage Publications: California). Available from the bookstore. On reserve in the University of Calgary Library (QA 278.2.F688)

**Grading (Weighting):**

**Components must total 100%** (In calculating the final grade, the term work should count for not less than 50%. Any tests carried out during the last two weeks (14 days before end of lectures) may not account for more than 10% of the final grade, except in the case of take home examinations or projects).

*Laboratory Assignments* equating to 50% of overall mark for this unit. There will be 5 assignments, each of which is worth 10% of your overall mark for this course.

*Take-Home Final Examination*; one question. Equates to 50% of overall mark for this unit.

**State whether:** There is no final examination for this course **OR whether** the final examination will be **OR will not be** scheduled by the Registrar's Office and **whether or not** it is essential to pass all elements/components to pass the course as a whole.

*Take-Home Final Examination*; Handed out at the end of class on November 24<sup>th</sup>, 2007. To be handed in at the beginning of class, December 5<sup>th</sup>.

**Grading System:**

**EITHER** this type of grading system [numbers may be changed but you must include **all** the letter grades]

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

**OR** The official grading scheme of the university will be used (Course Information Section in the University Calendar):

A+	4.00	Outstanding performance
A	4.00	Excellent-superior performance, showing comprehensive understanding of subject
A-	3.70	↑
B+	3.30	↑
B	3.00	Good - clearly above average performance
B-	2.70	↑
C+	2.30	↑
C	2.00	Satisfactory performance – basic understanding of the subject
C-	1.70	
D+	1.30	
D	1.00	Minimal Pass-marginal performance
F	0	Fail - - poor performance

**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.

### **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](mailto:suypaca@ucalgary.ca)
- SU Faculty Rep. Phone: 220-3913 and e-mail: [socialsciirep@su.ucalgary.ca](mailto:socialsciirep@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.