



**School of Arts & Science
SOCIAL SCIENCES DEPARTMENT**

**GEOG 216-01
Quantitative Methods
Semester/Year, 2009W**

COURSE OUTLINE

The Approved Course Description is available on the web @ _____

Ω Please note: this outline will be electronically stored for five (5) years only.
It is strongly recommended students keep this outline for your records.

1. Instructor Information

(a)	Instructor:	Catherine Griffiths		
(b)	Office Hours:	Wed. and Fri. 12:30 to 1:20		
(c)	Location:	Wed: Paul 233 and Fri: Ewing 103		
(d)	Phone:	370-3370	Alternative Phone:	
(e)	Email:	Griffiths@camosun.bc.ca		
(f)	Website:			

2. Intended Learning Outcomes

(No changes are to be made to this section, unless the Approved Course Description has been forwarded through EDCO for approval.)

Upon completion of this course the student will be able to:

1. Demonstrate a working knowledge of elementary statistics and elementary statistical models as applied to spatial processes.
2. Demonstrate an ability to handle spatial data through the application of SPSS software.

3. Required Materials

(a) McGrew, J. Chapman and C. B. Monroe, *An Introduction to Statistical Problem solving in Geography*, 2nd Edition.

(b) Other: Required Lab Materials Winter 2009. Optional Student version of SPSS

4. Course Content and Schedule

(Can include: class hours, lab hours, out of class requirements and/or dates for quizzes, exams, lectures, labs, seminars, practicums, etc.)

Lectures: There will be two hours of lecture per week in Fisher 338. The lecture period will include overheads and lecture material. In addition there will be an in-class problem session to further expand the concepts. A calculator will be useful for the in-class problem solving.

Labs: Lab sessions are held in the Camosun general computing lab room in the Ewing building, room E103, on Fridays. All labs are computer based. Lab sessions will be weekly.

There are ten marked labs in the course. Each lab contains exercises to familiarize students with different aspects of spatial statistics used in geography. Attendance during lab periods is mandatory. In the case of illness, the instructor must be contacted prior to the class time and an alternate arrangement must be made; otherwise, a mark of zero will be assigned. All labs are due one week from the lab period, except where noted. Each lab is worth 5%.

Examinations: There two exams during the term. There will be 1 midterm exam in class time and one final exam in the exam period. The midterm exam is worth 20% of your final mark. The midterm will focus on the theoretical aspects of the course, the lectures and relevant chapters in the textbook. The final lab exam is worth 30% of your final mark and will focus on both the theoretical and the practical application of your lab experiences and problem sets discussed in class.

5. Basis of Student Assessment (Weighting)

(Should be linked directly to learning outcomes.)

Lab Exercises	50%
Midterm Exam	20%
Final Exam	30%
Total	100%

6. Grading System

(No changes are to be made to this section, unless the Approved Course Description has been forwarded through EDCO for approval.)

Standard Grading System (GPA)

Percentage	Grade	Description	Grade Point Equivalency
90-100	A+		9
85-89	A		8
80-84	A-		7
77-79	B+		6
73-76	B		5
70-72	B-		4
65-69	C+		3
60-64	C		2
50-59	D	Minimum level of achievement for which credit is granted; a course with a "D" grade cannot be used as a prerequisite.	1
0-49	F	Minimum level has not been achieved.	0

Temporary Grades

Temporary grades are assigned for specific circumstances and will convert to a final grade according to the grading scheme being used in the course. See Grading Policy E-1.5 at camosun.ca for information on conversion to final grades, and for additional information on student record and transcript notations.

Temporary Grade	Description
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I	<i>Incomplete:</i> A temporary grade assigned when the requirements of a course have not yet been completed due to hardship or extenuating circumstances, such as illness or death in the family.
IP	<i>In progress:</i> A temporary grade assigned for courses that, due to design may require a further enrollment in the same course. No more than two IP grades will be assigned for the same course. <i>(For these courses a final grade will be assigned to either the 3^d course attempt or at the point of course completion.)</i>
CW	<i>Compulsory Withdrawal:</i> A temporary grade assigned by a Dean when an instructor, after documenting the prescriptive strategies applied and consulting with peers, deems that a student is unsafe to self or others and must be removed from the lab, practicum, worksite, or field placement.

7. Recommended Materials or Services to Assist Students to Succeed Throughout the Course

LEARNING SUPPORT AND SERVICES FOR STUDENTS

There are a variety of services available for students to assist them throughout their learning. This information is available in the College calendar, at Student Services or the College web site at camosun.ca.

STUDENT CONDUCT POLICY

There is a Student Conduct Policy **which includes plagiarism**. It is the student's responsibility to become familiar with the content of this policy. The policy is available in each School Administration Office, at Student Services and on the College web site in the Policy Section.

ADDITIONAL COMMENTS AS APPROPRIATE OR AS REQUIRED