



COURSE OUTLINE

The course description is online @ <http://camosun.ca/learn/calendar/current/web/geog.html>

Ω Please note: the College electronically stores this outline for five (5) years only.
It is **strongly recommended** you keep a copy of this outline with your academic records.
You will need this outline for any future application/s for transfer credit/s to other colleges/universities.

1. Instructor Information

(a)	Instructor:	Trisha Jarrett		
(b)	Office Hours:	Monday 10:30-11:20, Wednesday and Thursday 11:30-12:20 or by appointment		
(c)	Location:	Fisher 340A		
(d)	Phone:	370-3378	Alternative Phone:	
(e)	Email:	jarrett@camosun.bc.ca		
(f)	Website:	http://online.camosun.ca/		

2. Intended Learning Outcomes

(No changes are to be made to these Intended Learning Outcomes as approved by the Education Council of Camosun College.)

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) Texts: There is no recommended stats textbook for this class. If you would like to use a text, any introductory statistics text will do. There are also many online resources available, which we will discuss in class.
- (b) Other: A lab manual will be available for purchase in the bookstore. In the event of changes or shortages, I will make lab materials available the class before the lab session. If you are not at lecture you are responsible for getting a copy of the lab before the lab begins.

4. Course Content and Schedule

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

Course Schedule: Updated September 3, 2013 (Subject to change at the discretion of the instructor):

Date	Week	Lab (Monday)	Lecture (Wednesday)
Sep 2, 4	1	<i>Labour Day - No Class</i>	Introduction to Quantitative Methods
Sep 9, 11	2	Lab 0: SPSS Tutorial Lecture: Intro to Geographic Data & Statistics	Measures of Central Tendency
Sep 16, 18	3	Lab 1: SPSS & Student survey	Descriptive Spatial Stats
Sep 23, 25	4	Lab 2: Descriptive Spatial Stats	Probability
Sep 30, Oct 2	5	Lab 3: Probability	Sampling and Statistical Estimation
Oct 7, 9	6	<i>Thanksgiving – No Class</i>	Hypothesis Testing
Oct 14, 16	7	Lab 4: Statistical Estimation	Non-parametric Tests
Oct 21, 23	8	Lab 5: Inferential Stats	Midterm Exam
Oct 28, 30	9	Lab 6 – Non-parametric Tests	Parametric Tests
Nov 4, 6	10	Lab 7: Difference of Means, 1 and 2 Sample tests	Correlation
Nov 11, 13	11	<i>Remembrance Day – No Class</i>	TBA – Guest lecture
Nov 18, 20	12	Lab 8: Correlation	Linear Regression
Nov 25, 27	13	Lab 9: Regression	Inferential Spatial Stats
Dec 2, 4	14	Lab 10: Inferential Spatial Stats	Review

Lectures: There will be two hours of lecture per week. The lecture period will include PowerPoint slides and lecture material. Depending on the topic there may be in-class problem sessions to further expand the concepts. A scientific calculator (not cellphone) will be useful for the in-class problem solving.

Course Website: Lecture notes will be available weekly from the course website on Desire2Learn (D2L). I rely on D2L for a great deal of communication throughout the course. You should be checking our course page daily to be sure you are not missing important announcements.

Labs: Lab sessions are held in the Camosun general computing lab room in the Ewing building, room E200, on Mondays. Please note that lab space in the GP labs is extremely tight and do everything you can to capitalize on our lab time together. Finding time outside of class will be difficult.

Attendance during lab periods and exams 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

You will need to **bring pencil, eraser, ruler and a calculator (not cellphone)** for lab periods and for all exams.

There are ten marked labs in the course. Each lab is worth 4%. All labs are due one week from the lab period, except where noted. Labs are due at the **beginning** of the lab period, no exceptions!! The penalty for assignments handed in late is 10% for the first 24 hours and 10% for each day after.

Teamwork is encouraged in labs. However, do not copy from each other when handing in assignments. While you may brainstorm and work together, all assignments must be written in your own words. Any students involved in copying will be given a mark of zero for that assignment.

Examinations: There are 2 exams during the term. Exams will focus on the theoretical aspects of the course, the lectures, and applied problems as presented in lab exercises.

5. Basis of Student Assessment (Weighting)

(This section should be directly linked to the Intended Learning Outcomes.)

Lab Exercises		40%
Midterm		25%
Final		35%
Total		100%

6. Grading System

(No changes are to be made to this section unless the Approved Course Description has been forwarded through the Education Council of Camosun College 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
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 3rd 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 the College web site in the Policy Section.

ADDITIONAL COMMENTS AS APPROPRIATE OR AS REQUIRED