



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:	Emrys Prussin		
(b)	Office Hours:	Mondays 3:30 – 4:30		
(c)	Location:	Fisher 344D		
(d)	Phone:	250-370-3506	Alternative Phone:	
(e)	Email:	PrussinE@camosun.bc.ca		
(f)	Website:	http://online.camosun.ca/		

2. Intended Learning Outcomes

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

1. Apply the core concepts of field surveying to enable accurate data collection.
2. Collect, correct and process field surveying data to ensure both accuracy and precision.
3. Use a variety of survey collection equipment with proficiency.

3. Required Materials

(a) Labs

All labs are available on the D2L website (to find them go to 'My Tools' → 'Content' → 'Labs'), please print each lab in advance to bring to lab with you.

(b) Text – Optional

There are a limited number of texts available for purchase in the bookstore and one copy on reserve in the library. This text is an additional resource that can enrich lessons and labs, but is not required.

“Surveying – 6th Edition”, by Jack McCormac, Wayne Sarasua and William Davis

4. Course Content and Schedule

PREPAREDNESS:

This course runs from January to April and has many lab activities out of doors. You are requested to dress for the weather: boots, warm jackets, rain coats, umbrellas...whatever will make your three hours outside more endurable, if not enjoyable. In the case of extreme weather, the labs may be cancelled or altered so please ensure you check the course D2L site for any updates.

A protractor, ruler, calculator and eraser are all necessary items during lab classes. The Geography Department is able to provide a limited number of these items but you would be wise to purchase your own, if possible.

Lectures: Mondays 01:30PM - 03:20PM, Fisher Bldg, Room 338
Labs: Wednesdays 01:30PM - 04:20PM, Fisher Bldg, Room 338

COURSE SCHEDULE – Winter, 2017

schedule is subject to change

<u>Week of</u>	<u>Monday</u>	<u>Wednesday</u>
Jan 9	Course Introduction	Lab 1 – Measurement
Jan 16	Coordinate Systems	Lab 2 – Coordinates
Jan 23	Map Features	Lab 3 – Azimuths & Bearings
Jan 30	Distance Measurement	Unit Test #1
Feb 6	Angle Measurement	Lab 4 – Compass and Pace
Feb 13	Family Day	Reading Break
Feb 20	Global Positioning	Lab 5 – Proportion-to-Station
Feb 27	Leveling	Lab 6 – Latitude & Departures
Mar 6	Unit Test #2	Lab 7 – GPS
Mar 13	Precision Contouring	Lab 8 – GPS - Data Logging
Mar 20	Lab 9 – Leveling	Lab 10 – Total Stations
Mar 27	Lab 10 – Total Stations	Lab 11 – Contouring
Apr 3	Unit Test #3	Mapping Project
Apr 10	Mapping Project	<u>Mapping Project Due</u>

5. Basis of Student Assessment (Weighting)

Learning Opportunities

Lectures: There will be two hours of lecture a week, normally on Mondays. Lecture summaries will be made available online for students to print and annotate during class.

Labs: There are eleven labs in the course. Each lab contains exercises to familiarize students with the tools and techniques of field surveying. A variety of different measurement techniques and surveying protocols will be practiced during the lab period. Attendance 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. Assignment due dates will be determined in class and lab submissions will not be accepted after marked assignments have been returned.

Mapping Project: You will be asked to participate in a team-based mapping project. I will assign you to a group and you will be asked to map a region of the campus using the skills you have gained in the course.

Tests: There are three Unit Tests in the course: Wednesday, **February 1st**, Monday, **March 6th**, and Monday, **April 3rd**.

Assessment will be based on a mix of in-class tests, labs and a final cumulative project.

Unit Test #1	15%
Unit Test #2	15%
Unit Test #3	15%
Lab Exercises	44%
Mapping Project	11%
	100%

6. Grading System

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