



## 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:	Hilary Sandford		
(b)	Office Hours:	TBD		
(c)	Location:	Fisher 342D		
(d)	Phone:	370-3250	Alternative Phone:	
(e)	Email:	sandford@camosun.ca		
(f)	Website:			

### 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. 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) Texts: The Camosun Bookstore to bring in a limited number of copies of Surveying – 6<sup>th</sup> Edition by Jack McCormac, Wayne Sarasua and William Davis for those of you who would like to have a life-long resource for this material.
- (b) Lab Exercises: The course D2L site provides all necessary materials.

### 4. Course Content and Schedule

<u>Week of:</u>	<u>Monday</u>	<u>Wednesday</u>
Jan 6	Course Introduction	Lab 1 – Measurement
Jan 13	Coordinate Systems	Lab 2 – Coordinates
Jan 20	Map Features	Lab 3 – Azimuths & Bearings
Jan 27	Distance Measurement	Lab 4 – Compass and Pace
Feb 3	Measurement Correction	Lab 5 – Proportion-to-Station
Feb 10	<i>Family Day</i>	Lab 6 – Latitude and Departures
Feb 17	<i>Review Class</i>	Lab 6 – Latitude and Departures cont.
Feb 24	Midterm Exam	Lab 7 – GPS
Mar 3	Global Positioning	Lab 8 – GPS - Data Logging
Mar 10	Differential Leveling	Lab 9 – Stadia and Differential Leveling

Mar 17	Lab 10 – Total Stations	Lab 10 – Total Stations
Mar 24	Precision Contouring	Lab 11 – Total Stations - Contouring
Mar 31	Mapping Project	Mapping Project
Apr 7	Mapping Project	Review Class

## 5. Basis of Student Assessment (Weighting)

Midterm Exam	20%
Lab Exercises	44%
Mapping Project	8%
Final Exam	<u>28%</u>
	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](http://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. (For these courses a final grade will be assigned to either the 3 <sup>rd</sup> course attempt or at the point of course completion.)
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](http://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