



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:	T,W,Th 12:30-1:30		
(c)	Location:	F308b		
(d)	Phone:	370-3372	Alternative Phone:	
(e)	Email:	sandford@camosun.bc.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. Demonstrate a knowledge of the principles behind spatial data collection, geo-referencing systems, map interpretation, map and graph construction.
2. Demonstrate an ability to collect and handle spatial data through working with map files, working with air photos, critiquing and constructing maps and graphs.

3. Required Materials

- (a) Text: John Campbell's "Map Use and Analysis" is an *optional* text for this course and can be purchased from the Camosun College bookstore.
- (b) Other: A Lab Manual for the course is available for purchase from the Camosun College bookstore.

3. Course Content and Schedule

<u>Week of:</u>	<u>Tuesday Topic</u>	<u>Thursday Topic</u>
Jan 5		Course Introduction
Jan 12	Map Types and Elements	Lab 1 - Map Types
Jan 19	Mapping Conventions	Lab 2 - Topographic Maps
Jan 26	Mapping Conventions	Lab 3 - UTM
Feb 2	Map Projections	Lab 4 – Compass & Pace
Feb 9	GPS	Lab 5 - GPS
Feb 16	MIDTERM	Reading Break

Feb 23	Lab 6 – Geocaching	Lab 7 – Traverse - Vertical
Mar 2	Vertical Surveying	Lab 8 – Traverse - Horizontal
Mar 9	Ground Surveying	Lab 9 – Traverse - Mapping
Mar 16	Air Photo History	Lab 11 – Air Photo #1
Mar 23	Air Photo Interpretation	Lab 12 – Air Photo #2
Mar 30	Photogrammetry	Lab 13 – Air Photo #3
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Apr 6	Lab 14 – Satellite Imagery	Review Class
Exam Week	FINAL EXAM	

5. Basis of Student Assessment (Weighting)

Midterm Exam	20%
Lab Exercises	50%
Final Exam	<u>30%</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 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.
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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](#)