

	<p>School of Arts & Science SOCIAL SCIENCES DEPARTMENT GEOG 210 Map and Air Photo Interpretation Fall, 2011</p>
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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:	M and W: 1:30-2:30; Th: 10:30-noon		
(c)	Location:	Paul 233		
(d)	Phone:	370-3372	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. 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) Texts: Map Use and Analysis by John Campbell is available in the bookstore for purchase and is optional for this course.
- (b) Other: A lab manual is available for purchase in the bookstore and is available online through the course D2L site.

4. Course Content and Schedule

Lectures: There will be two-and-a-half hours of lecture a week, normally on Tuesdays. The blackboard will be heavily utilized and overheads and images will augment the traditional lecture style.

Labs: There are thirteen labs in the course. Each lab contains exercises to familiarize students with the tools and techniques of map and air photo interpretation. A variety of different map types will be used and a full range of natural and social features will be profiled in the laboratory assignments. 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. Assignment due dates will be determined in class and late labs will not be accepted.

Exams: There will be three exams during the term. The first will be on **Thursday, October 6th**, the second will be on **Tuesday, November 15th**, and the third will be on **Thursday, December 8th**. All three exams will offer a selection of short-answer, multiple-choice, and skill-based questions.

COURSE SCHEDULE

schedule is subject to change

<u>Week of:</u>	<u>Tuesday Topic</u>	<u>Thursday Topic</u>
Sept 6	Course Introduction	Lab 1 – Mental maps
Sept 12	Map Types and Elements	Lab 2 – Map Types
Sept 19	Mapping Conventions	Lab 3 – Latitude & Longitude
Sept 26	Mapping Conventions	Lab 4 – UTM
Oct 3	Review Class	Test #1
Oct 10	GPS	Lab 5 – GPS
Oct 17	Map Projection Lab 6 – Geocaching	Lab 7 – Compass and Pace
Oct 24	Ground Surveying	Lab 8 – Traverse - Horizontal
Oct 31	Vertical Surveying	Lab 9 – Traverse - Vertical
Nov 7	Mapping	Lab 10 – Traverse - Mapping
Nov 14	Test #2	Lab 11 – Air Photo #1
Nov 21	Air Photo History	Lab 12 – Air Photo #2
Nov 28	Photogrammetry	Lab 13 – Air Photo #3
Dec 5	Review Class	Test #3

5. Basis of Student Assessment (Weighting)

Test #1	20%
Test #2	25%
Test #3	15%
Lab Exercises	<u>40%</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.

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