



**School of Arts & Science  
SOCIAL SCIENCES DEPARTMENT  
GEOG 210 - 001 and 002  
Map and Air Photo Interpretation  
2007W**

## **COURSE OUTLINE**

The Approved Course Description is available on the web @ \_\_\_\_\_

Ω Please note: this outline will be electronically stored for five (5) years only.  
It is strongly recommended students keep this outline for your records.

### **1. Instructor Information**

(a)	Instructor:	Hilary Sandford		
(b)	Office Hours:	Wed and Friday 10:30-11:20; Thurs noon-1:00		
(c)	Location:	Fisher 308B		
(d)	Phone:	370-3372	Alternative Phone:	
(e)	Email:	<a href="mailto:sandford@camosun.bc.ca">sandford@camosun.bc.ca</a>		
(f)	Website:	<a href="http://www.sandford.disted.camosun.bc.ca">www.sandford.disted.camosun.bc.ca</a>		

### **2. Intended Learning Outcomes**

*(No changes are to be made to this section, unless the Approved Course Description has been forwarded through EDCO for approval.)*

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 OPTIONAL for this course
- (b) Other: Lab Manual available in Camosun College Bookstore is REQUIRED.

### **4. Course Content and Schedule**

<u>Week of:</u>	<u>Tuesday Lecture Topic</u>	<u>Thursday Lab Topic</u>
Jan 6	Introduction	Lab 1 - Mental Maps
Jan 13	Map Types and Elements	Lab 2 - Map Types
Jan 20	Mapping Conventions	Lab 3 – Topo Maps
Jan 27	Mapping Conventions	Lab 4 - UTM
Feb 3	Map Projections	Lab 5 – Compass & Pace
Feb 10	<b>MIDTERM</b>	Lab 6 – GPS
Feb 17	Geocaching	<b>Reading Break</b>
Feb 24	<b>Reading Break</b>	Lab 7 – Vertical Surveying
Mar 2	Mapping	Lab 8 – Traverse Route
Mar 9	Mapping	Lab 9 – Traverse Mapping
Mar 16	Air Photo History	Lab 10 – Air Photo #1
Mar 23	Photogrammetry	Lab 11 – Air Photo #2
Mar 30	Remote Sensing	Lab 12 – Air Photo #3
Apr 6	Lab 13 – Satellite Imagery	<i>Review Class</i>

## 5. Basis of Student Assessment (Weighting)

*(Should be linked directly to learning outcomes.)*

(a) Assignments: Thirteen lab exercises worth 50%

(b) Exams: Midterm exam worth 20% and Final exam worth 30%

## 6. Grading System

*(No changes are to be made to this section, unless the Approved Course Description has been forwarded through EDCO 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
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<b>I</b>	<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.
<b>IP</b>	<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 3<sup>d</sup> course attempt or at the point of course completion.)</i>
<b>CW</b>	<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 on the College web site in the Policy Section.