

	<p>School of Arts & Science SOCIAL SCIENCES DEPARTMENT</p> <p>GEOG 210-001 Map and Air Photo Interpretation 2008F</p>
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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:	Tuesday and Thursday 11:30-1:30		
(c)	Location:	Fisher 308B		
(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 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: Optional: Map Use and Analysis by John Campbell
- (b) Other: Mandatory Lab Manual available in Bookstore

4. Course Content and Schedule

(Can include: class hours, lab hours, out of class requirements and/or dates for quizzes, exams, lectures, labs, seminars, practicums, etc.)

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.

Midterm Exam: One midterm exam will be given during the term. It will be held on **Tuesday, October 7th** and will be a selection of short-answer, multiple-choice, and skill-based questions. A practice exam will be provided for preparation purposes.

Final Exam: There will be a three-hour final exam during Exam Week. This exam will be comprehensive, requiring students to demonstrate knowledge of the important concepts and essential skills presented and acquired during the semester.

COURSE SCHEDULE

schedule is subject to change

Week of:

Sep 1	Introduction	Lab 1 - Mental Maps
Sep 8	Map Types and Elements	Lab 2 - Map Types
Sep 15	Mapping Conventions	Lab 3 - Topographic Maps
Sep 22	Mapping Conventions	Lab 4 - UTM
Sep 29	Map Projections	Lab 5 – Compass & Pace
Oct 6	MIDTERM	Lab 6 - GPS
Oct 13	Thanksgiving	Optional Lab – Geocaching
<i>Oct 20</i>	<i>Mapping</i>	<i>Lab 7 – Vertical Surveying</i>
Oct 27	Mapping	Lab 8 – Traverse Route
Nov 3	Air Photo History	Lab 9 – Traverse Mapping
Nov 10	Spectral Signatures	Lab 10 – Air Photo #1
Nov 17	Photogrammetry	Lab 11 – Air Photo #2
Nov 24	Remote Sensing	Lab 12 – Air Photo #3
Dec 1	Lab 13 – Satellite Imagery	<i>Review Class</i>

5. Basis of Student Assessment (Weighting)

(Should be linked directly to learning outcomes.)

(a) Assignments 50%

(b) Midterm Exam 20%

(c) Final Exam 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 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 rd 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

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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 on the College web site in the Policy Section.

ADDITIONAL COMMENTS AS APPROPRIATE OR AS REQUIRED