



School of Arts & Science
SOCIAL SCIENCES DEPARTMENT
GEOG 210-001
Map and Air Photo Interpretation
2006F

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:	T 1:30-2:30; Th 9:30-10:30 and 1:30-2:30		
(c)	Location:	Fisher 308B		
(d)	Phone:	370-3372	Alternative Phone:	
(e)	Email:	sandford@camosun.bc.ca		
(f)	Website:	www.sandford.disted.camosun.bc.ca		

2. Intended Learning Outcomes

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	<u>Map Use and Analysis</u> by John Campbell, McGraw Hill Publishing - 4 th Edition, 2001.
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4. Course Content and Schedule

COURSE CONTENT

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

Labs: There are fifteen 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 17th** 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

<u>Week of:</u>	<u>Tuesday Lecture Topic</u>	<u>Thursday Lab Topic</u>
Sep 5	Introduction	Mental Maps
Sep 12	Map Types and Elements	Maps Types
Sep 19	Mapping Processes	Topographic Maps
Sep 26	Map Scales & Projections	U. Transverse Mercator
Oct 3	Route Selection & Navigation	Global Positioning Systems
Oct 10	Review Class	Geocache
Oct 17	MIDTERM	Surveying -Vertical
<i>Oct 24 Compass</i>	<i>Surveying – Horizontal - GPS</i>	<i>Surveying - Horizontal -</i>
Oct 31	Traverse Mapping	Mapping
Nov 7	Airphoto History	Air Photo Interpretation #1
Nov 14	Spectral Signatures	Air Photo Interpretation #2
Nov 21	Photogrammetry	Air Photo Interpretation #3
Nov 28	Remote Sensing	Air Photo
Interpretation #4		
Dec 5	Satellite Imagery	Review Class

5. Basis of Student Assessment (Weighting)

(Should be linked directly to learning outcomes.)

(a)	Lab Exercises	50%
(b)	Midterm	20%
(c)	Final Exam	30%

6. Grading System

Standard Grading System (GPA)

Percentage	Grade	Description	Grade Point Equivalency
95-100	A+		9
90-94	A		8
85-89	A-		7
80-84	B+		6
75-79	B		5
70-74	B-		4
65-69	C+		3
60-64	C		2
50-59	D		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 at camosun.ca or 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 are designed to have an anticipated enrollment that extends beyond one term. No more than two IP grades will be assigned for the same course.
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.

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.

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 on the College web site in the Policy Section.