



COURSE OUTLINE

The course description is online @ <http://camosun.ca/learn/calendar/current/web/envr.html>

1. Instructor Information

- (a) Instructor: Steve Hann
- (b) Office Hours: Monday, Wednesday 12:30 to 2:30; or by appointment
- (c) Office Location: Fisher 314A
- (d) Phone: (250) 686-4569 (cell) (Monday to Friday 9 to 5, ONLY)
- (e) e-mail: hann@camosun.bc.ca

2. Intended Learning Outcomes

Upon completion of this course the student will be able to:

1. Apply the basic concepts in digital geomatics, including concepts in GIS, digital mapping and database systems and digital remote sensing.
2. Handle spatial and remote sensing data through the application of GIS software.
3. Apply data management, data conversion, spatial and attribute editing, and GIS analysis, to GIS scenarios that focus on environmental situations.
4. Create maps that include proper cartographic components and display spatial data in a concise and creative manner.
5. Write supporting documentation and metadata to accompany analytical procedures.
6. Use GIS data and maps in visual presentations and use the Internet to search for data.

3. Required Materials

- (a) Texts: Getting to Know ArcGIS desktop—second edition Updated for Arc GIS 10.1, Tim Ormsby
- (b) Other: 8 GB flash drive

4. Course Content and Schedule

Class/Lab Times:
Monday and Wednesday 10:30AM – 12:20AM

Although attendance to every class is not mandatory you must notify me if you are not going to be able to attend a class otherwise you may be penalized. If you miss a class, it is your responsibility to make up what you missed on your own time. Priority will be given to helping students who attended the last class and are working on current tasks.

The projects and assignments in this course are designed to emulate projects one might come across in real world situations. What you hand in should be what you would submit to a client if you yourself were a contractor (Neatness counts!)

5. Basis of Student Assessment (Weighting)

- (a) Assignments: There will be 6 to 8 assignments worth between 5% and 20% of your final grade.
- (b) Quizzes: 1 in class analysis quiz – 20%
- (c) Instructor Assessment – 5% of final mark (based on professionalism)
- (d) Notes:
 - Assignments are always due at the beginning of class unless otherwise specified.
 - Assignments submitted to instructor after the due date/time will have marks deducted at a rate of 10% per day. If assignments have been graded and returned to the class, no grade will be given.
 - All assignments and projects must be typed. No hand written papers will be accepted unless specified. All maps must be submitted in both hard copy and digital (pdf) format at the specified page size

6. Grading System

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