CAMOSUN COLLEGE
School of Arts & Science
Environmental Technology

ENVR 240 – Fundamentals of Environmental GIS
Fall 2008

COURSE OUTLINE

1. Instructor Information

(a) Instructor: Steve Hann
(b) Office hours and location: F314 (hours to be announced)
(c) Location: Ewing 110
(d) Phone: 686-4569 (cell)   Alternative: 721-4569 (home)
(e) E-mail: coastline@shaw.ca

2. Intended Learning Outcomes

The student will be able to:
Explain the process followed in the creation and use of resource maps, data input, data extraction, and map modeling based upon attribute information.
Understand nomenclature and terms commonly used in GIS.
Build on spatial data input and editing, create topology, and use analysis functions.
Apply GIS concepts learned in ENVR 140 to projects using ArcGIS.
Use GIS in working applications.
Use other GIS formats – raster and image data.
Use GIS in a working environment.

3. Required Materials

Text:
Getting to Know ArcGIS desktop – second edition Updated for ArcGIS 9, Tim Ormsby et al.

4. Course Content and Schedule

Class/Lab Times:
E-110   Monday   9:30AM – 11:20AM
E-110   Wednesday   9:30AM – 11:20AM

Attendance to every class is mandatory. You must notify me with a valid excuse if you cannot attend a class otherwise you will be penalized, as attendance is part of your final grade. If you miss a class, it is your responsibility to make up what you missed on your own time before the next session, not during the next scheduled class. Priority will be given to helping students who attended the last class and are working on current tasks.

Tutorial Times: TBA

The projects and assignments in this course are designed to emulate projects one might come across in real world situations.

5. Basis of Student Assessment (Weighting)

(a) Assignments, Projects, Quizzes, Term Project and other:

1. 5 in-class assignments worth 6% each - 30% of final grade, and
2. 2 projects: Project 1: New Zealand Forestry Map - 10% of final grade
     Project 2: Tree Farm Licence data entry - 25% of final grade
3. 1 in-class quiz: 10% of final grade
4. 1 Term Project: Horticultural Centre GPS and Map, or TBA - 20% of final grade
5. Instructors Assessment – 5% of final mark (based primarily on class participation)

➢ Assignments are always due at the beginning of class unless otherwise specified.
➢ Assignments submitted to instructor after the due date will have marks deducted at a rate of 5% 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. All maps must be submitted in both hard copy and digital (pdf) format at the specified page size

Notes:
➢ Late arrivals greater than 20 minutes will be considered an absence.
➢ If you are absent the day an assignment is due, it is your responsibility to make arrangements with the instructor prior to the class, or late penalties will apply.
➢ If you are absent the day a project is assigned, it is your responsibility to contact the instructor and get the assignment and information.

6. Grading System

X   Standard Grading System (GPA)

A+ =	90-100%	B+ =	77-79%	C =	60-64%
A =	85-89%	B =	73-76%	D =	50-59%
A- =	80-84%	B- =	70-72%	F =	0-49%
		C+ =	65-69%		

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.