CAMOSUN COLLEGE	***School of Arts & Science*** ***ENVIRONMENTAL TECHNOLOGY DEPARTMENT*** **ENVR 240-01** **Environmental GIS Applications** **2006F**	

COURSE OUTLINE

1. Instructor Information

(a)	Instructor:	Steve Hann		
(b)	Office Hours:	Wednesday 11:30AM – 12:30PM or by appointment (F246)		
(c)	Location:	Young 307		
(d)	Phone:	686-4569 (cell)	Alternative Phone:	721-4569 (home)
(e)	Email:	coastline@shaw.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. Apply skills learned in ENVR 140 and ENVR 112 to GIS scenarios that focus on environmental situations:
    *   Data management.
    *   Data conversion.
    *   Spatial and attribute editing.
    *   GIS analysis.
2. Create maps that include proper cartographic components and display spatial data in a concise and creative manner.
3. Write supporting documentation and metadata to accompany analytical procedures.
4. 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 9, Tim Ormsby et al.
(b)	Other	

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.)

Class/Lab Times:

    Y-307   Wednesday and Friday   9:30 – 11:20

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

       This course will consist of 5 in-class projects (including writeups). These projects will emulate projects the students may be faced with in the real world. There will also be a final exam or project.

5. Basis of Student Assessment (Weighting)
(Should be linked directly to learning outcomes.)

(a)	Assignments	There will be five (5) major assignments worth 15% each ➢ Assignment are always due at the beginning of class unless otherwise specified. ➢ Assignements submitted to instructor after the due date 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. All maps must be handed in in both hard copy and digital (pdf) format at the specified page size
(b)	Quizzes	
(c)	Exams	There will be a final exam or project worth 20%
(d)	Other (eg, Attendance, Project, Group Work)	Instructor's Assessment worth 5% (based on attendance and class participation) 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
(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
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	*Incomplete*: 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	*In progress*: 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	*Compulsory Withdrawal:* 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.

ADDITIONAL COMMENTS AS APPROPRIATE OR AS REQUIRED