



COURSE OUTLINE

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

Ω Please note: the College electronically stores this outline for five (5) years only.
It is **strongly recommended** you keep a copy of this outline with your academic records.
You will need this outline for any future application/s for transfer credit/s to other colleges/universities.

1. Instructor Information

(a)	Instructor:	Tim Elkin		
(b)	Office Hours:	Tues 1.30-2.20; Wed 10.30-11.20; Thurs 1.30-2.20; Fri 10.30-11.20		
(c)	Location:	E238		
(d)	Phone:	370-3115	Alternative Phone:	
(e)	Email:	elkint@camosun.ca		
(f)	Website:			

2. Intended Learning Outcomes

(No changes are to be made to these Intended Learning Outcomes as approved by the Education Council of Camosun College.)

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

1. Demonstrate an understanding of key concepts in environmental management, including the preventive approach, industrial ecology, demand management, and environmental policy.
2. Demonstrate an ability to use specific techniques and tools in environmental management, including environmental reports and environmental indicators, cost benefit analysis, environmental auditing and environmental management systems, and GIS.

3. Required Materials

Patrick Condon, 2010, Seven Rules for Sustainable Communities. Island Press

4. Course Content and Schedule

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

WEEK 1 **Introduction to course**
Week of Urban and regional environments
Sept 3

Videos:

Radiant City NFB, 2006,
http://www.nfb.ca/film/radiant_city

End of suburbia

<http://www.youtube.com/watch?v=Q3uvzcY2Xug&noredirect=1>

Pedal Power, 2009, CBC <http://www.cbc.ca/documentaries/doczone/2009/pedalpower/>

Reading:

UBC, Sustainable urban landscapes, setting the context: water, air, people (pp. 8-15)
http://www.jtc.sala.ubc.ca/projects/DesignManual/Setting_context1.pdf

Patrick Condon, *Introduction*, Seven Rules for Sustainable Communities.

Jay Walljasper, 2005, *New Lessons from the Old World*, E Magazine

WEEK 2
Sept 10

Exploring the concept: sustainable communities

Project: Sustainable communities (part 1)

Guest: Mark Boysen, Saanich Municipality

WEEK 3
Sept 17

Environmental management: Key concepts

Lecture

Project 2: Managing air quality

Reading:

Paul Hawken, Amory B. Lovins and L. Hunter Lovins, 2010. **Natural Capitalism. 2nd Edition. Earthscan. Chapter 1: The Next Industrial Revolution**

Jenny Moore, *Inertia and Resistance on the Path to Healthy Communities*, in Roseland M., ed., 1997, Eco-City Dimensions. New Society

WEEK 4
Sept 24

Project work

WEEK 5
Oct 1

Sustainable communities: Integrating land use and transportation

Guest: Todd Litman, Victoria Transport Policy Institute

Lecture

Introduction to project 3: Transportation choice

Reading:

Patrick Condon, Chapters 2, 3, 4, 5

Todd Litman, 2011, *Evaluating Transportation Land Use Impacts*

<http://www.vtpi.org/landuse.pdf>

WEEK 6
Oct 8

Project work

WEEK 7
Oct 15

Sustainable communities: Urban planning, concepts and practice

Lecture

Project 4: Managing the hydrologic cycle

Reading:

Patrick Condon, Chapters 6, 7, 8

Lyle Walker and William Rees, *Urban Density and Ecological Footprints: An Analysis of Canadian Households*, in Roseland M., ed., 1997, Eco-City Dimensions. New Society

Site visit: Selkirk Waterfront (Guest: Terry Kopek, D'Ambrosio Urbanism)

WEEK 8
Oct 22

Sustainable communities: Urban planning, concepts and practice

Reading:

CRD, 2008, State of the Region report

<http://www.crd.bc.ca/regionalplanning/documents/StateoftheRegionWEB.pdf>

Guest: Jeff Weightman, CRD

Site visit: UVic campus

WEEK 9
Oct 29

Sustainable communities: Urban planning, concepts and practice

Site visit: Dockside Green (Guests: Lehna Malvist, Swell Consulting; Terry Balak, Corix)

Project work

WEEK 10
Nov 5

Sustainable communities: Urban planning, concepts and practice

Project work

Project 4 presentation

Week 11
Nov 12

Sustainable communities: Making it happen

Lecture

Project 5: EMS

Guest speaker/site visit

Reading:

Jane Roberts, Ch. 5, *Environmental Policy Making in Organizations*

International Standards Organization, *ISO 14001 - Environmental management systems – Specification with guidance for use*, 1996.

Stapleton, Philip J., and Margaret A. Glover, *Environmental Management Systems: Implementation Guide for Small and Medium-Sized Organizations*, 2001. NOTE: 201 PAGES

WEEK 12
Nov 19

Project work

WEEK 13
Nov 26

Sustainable communities - revisiting the concept

Project: Sustainable communities (part 2)

Project work

WEEK 14
Dec 3

Project work

Project 5 presentation

5. Basis of Student Assessment (Weighting)

(This section should be directly linked to the Intended Learning Outcomes.)

Projects (90%)

Sustainable communities (parts 1&2)

Managing air quality

Land use and transportation

Managing the hydrologic cycle

Environmental Management Systems

Participation (10%)

6. Grading System

(No changes are to be made to this section unless the Approved Course Description has been forwarded through the Education Council of Camosun College 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

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