



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:	250-370-3115	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

WEEK 1 Introduction to course

Week of Urban and regional environments;

Sept 2

Introduction to Project 1: Sustainable communities (part 1)

WEEK 2 Sustainable communities: Key concepts

Sept 9

Project work

Lecture

Introduction to 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 3**
Sept 16
Sustainable communities: Key concepts
Guest: Sustainability and municipal government
Project work
- WEEK 4**
Sept 23
Sustainable communities: Key concepts
Project work
- WEEK 5**
Sept 30
Sustainable communities: Urban planning, concepts and practice
Integrating land use and transportation
Lecture
Introduction to project 3: Transportation choice
Guest: Todd Litman, Victoria Transport Policy Institute
Reading:
Patrick Condon, Chapters 2, 3, 4
Todd Litman, 2011, *Evaluating Transportation Land Use Impacts*
<http://www.vtpi.org/landuse.pdf>
- WEEK 6**
Oct 7
Sustainable communities: Urban planning, concepts and practice
Focus on the urban region
Guest: Sustainability and regional government: CRD
Reading:
Patrick Condon, Chapters 5, 6
CRD, 2008, State of the Region report
<http://www.crd.bc.ca/regionalplanning/documents/StateoftheRegionWEB.pdf>
Project work
- WEEK 7**
Oct 14
Sustainable communities: Urban planning, concepts and practice
Designing with nature
Lecture
Introduction to Project 4: Managing the hydrologic cycle
Reading:
Patrick Condon, Chapters 7, 8
Project work
- WEEK 8**
Oct 21
Sustainable communities: Urban planning, concepts and practice
Site visit: **Selkirk Waterfront (Guest: Terry Kopek, D'Ambrosio Urbanism)**
Project work
- WEEK 9**
Oct 28
Sustainable communities: Urban planning, concepts and practice

Site visit: UVic campus

Site visit: Dockside Green

WEEK 10 Nov 4	Sustainable communities: Urban planning, concepts and practice Project work Project 4 presentation
Week 11 Nov 11	Sustainable communities: Making it happen Lecture Introduction to Project 5: EMS Guest: Maria Bremner, Sustainability at Camosun Reading: Jane Roberts, Ch. 5, <i>Environmental Policy Making in Organizations</i> International Standards Organization, <i>ISO 14001 - Environmental management systems – Specification with guidance for use</i> , 1996. Stapleton, Philip J., and Margaret A. Glover, <i>Environmental Management Systems: Implementation Guide for Small and Medium-Sized Organizations</i> , 2001. NOTE: 201 PAGES
WEEK 12 Nov 18	Sustainable communities: Making it happen Guest: Working with ISO 14001 Project work
WEEK 13 Nov 25	Sustainable communities: Making it happen Course review Introduction to Project: Sustainable communities: revisiting the concept Project work
WEEK 14 Dec 2	Sustainable communities: Making it happen Project work Project 5 presentation

5. Basis of Student Assessment (Weighting)

Projects (90%)

Sustainable communities (parts 1&2)
Managing air quality
Land use and transportation
Managing the hydrologic cycle
Environmental Management Systems

Participation (10%)

Course evaluation is based on participation in all aspects of the course. In an applied academic course of this nature, participation is essential if students are to be successful. Students are

expected to be fully involved in the course by attending **all class events** – lectures, guest speakers and site visits.

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