



## 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:	Mon 2.30-3.20; Tues 11.30-12.20; Wed 2.30-3.20; Thurs 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

Exerpts from the following works:  
 Patrick Condon, 2010, Seven Rules for Sustainable Communities, Island Press; Mark Roseland, 2012, Toward Sustainable Communities 4<sup>th</sup> ed., New Society; Paul Hawken, Amory B. Lovins and L. Hunter Lovins, 2010, Natural Capitalism, 2<sup>nd</sup> Edition, Earthscan; Jane Roberts, 2010, Environmental Policy, Routledge; Mark Roseland, ed., 1997, Eco-City Dimensions, New Society

### 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:** Urban and regional environments

Week of

Sept 1 Introduction to Project 1: Sustainable communities

Online discussion: Sustainability and agriculture

**Reading:**

Patrick Condon, 2010, Seven Rules for Sustainable Communities, Ch. 1, *Introduction*

**WEEK 2 Sustainable communities: Key concepts**

Sept 8

Project work

**Lecture:** Sustainable communities: Key concepts

**Reading:**

Mark Roseland, 2012, Toward Sustainable Communities, Ch. 1, *The Context for Sustainable Communities*; Ch. 2, *Sustainable Community Development*

Paul Hawken, Amory B. Lovins and L. Hunter Lovins, 2010, Natural Capitalism, 2<sup>nd</sup> 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.

**WEEK 3 Sustainable communities: Key concepts**

Sept 15

**Lecture:** Sustainable communities: Key concepts  
Introduction to Project 2: Managing air quality

Project work

**WEEK 4**

Sept 22

**Sustainable communities: Key concepts**

Project work

**WEEK 5 Sustainable communities: Urban planning, concepts and practice**

Sept 29 Theme: Integrating land use and transportation

Lecture  
Introduction to project 3: Transportation choice  
Guest: Victoria Transport Policy Institute

**Reading:**

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

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

CRD, 2008, State of the Region report

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

**WEEK 6 Sustainable communities: Urban planning, concepts and practice**

Oct 6

Theme: Integrating land use and transportation

Guest: Greater Victoria Cycling Coalition

Project work

**WEEK 7 Sustainable communities: Urban planning, concepts and practice**

Oct 13

Theme: Food security

Guest: TBA

**Reading:**

Mark Roseland, 2012, Toward Sustainable Communities, Ch. 4, *Cultivating Greener, Food-Secure Communities*

Project work

**WEEK 8 Sustainable communities: Urban planning, concepts and practice**

Oct 20

Theme: Designing with nature

**Lecture:**

Introduction to Project 4: Managing the hydrologic cycle

**Reading:** Designing with nature

Patrick Condon, Ch. 8, *Invest in Lighter, Greener, Smarter Infrastructure*;

Mark Roseland, 2012, Toward Sustainable Communities, Ch. 5, *Water and Sewage*; Ch. 11, *Green Building*

Project work

**WEEK 9 Sustainable communities: Urban planning, concepts and practice**

Oct 27 Theme: Designing with nature

Site visit: **Selkirk Waterfront (Guest: D'Ambrosio Urbanism)**

**Project work**

**WEEK 10 Sustainable communities: Urban planning, concepts and practice**

Nov 3 Theme: Designing with nature

**Site visit:** Dockside Green (Guest: Corix)

Project work

Week 11 Sustainable communities: Making it happen

**Nov 10**

Lecture: **Environmental management systems**

Introduction to Project 5

**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

**Project work**

WEEK 12 Sustainable communities: Making it happen

**Nov 17**

**Guest: Lynn Bartle, Camosun Sustainability Manager**

Project work

WEEK 13 Sustainable communities: Making it happen

**Nov 24**

Project work

WEEK 14 Sustainable communities: Making it happen

**Dec 1**

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

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](http://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 <sup>rd</sup> 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](http://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