



## COURSE OUTLINE

The course description is online @ <http://camosun.ca/learn/calendar/current/web/geog.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 10.30-11.20, 1.30-2.20; Tues 1.30-2.20; Wed 11.30-12.20		
(c)	Location:	E238		
(d)	Phone:	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. Describe and explain the major concepts underlying the management of natural resources.
2. Apply these management concepts to the management of specific natural resource systems.
3. Identify and discuss significant contemporary factors that influence the management of natural resources.

### 3. Required Materials

Roberts J., 2011, Environmental Policy Routledge  
 Gore C. and P. Stoett, 2009 (eds.), Environmental Challenges and Opportunities (Toronto: Emond Montgomery)

### 4. Course Content and Schedule

Week starting

#### Week 1 Sept. 4-

Introduction to the course

Context and issues in resource and environmental management

#### THEME: JURISDICTION OF NATURAL RESOURCES IN CANADA

#### Week 2 Sept. 11-

##### CLASS 1: LECTURE

##### Jurisdiction of natural resources

International and national jurisdiction; Constitution Act; federal and provincial jurisdiction; Indigenous rights

##### CLASS 2: LAB

CASE STUDY: Federal versus provincial control of resources: Case of the Alberta oil sands

#### THEME: UNDERSTANDING CONCEPTS

#### Week 3 Sept. 18-

##### CLASS 1: LECTURE

**Defining natural resources:** Environmental capital and environmental services; recognizing complexity and uncertainty; sustainability; resource depletion

##### Reading

Roberts, Ch. 1: *So what's the problem?*

##### CLASS 2: LAB

**Week 4 Sept 25**

CLASS 1: LECTURE

**Understanding the causes of overuse of natural resources:** Worldviews: role of values in determining attitudes and behaviour; resource ownership; Hardin's tragedy of the commons; examining resource scarcity

Reading

Roberts, Ch. 2: *The roots of environmental problems.*

CLASS 2: LAB

CASE STUDY: Examining resource depletion: Case of biodiversity

**Week 5 Oct 2**

CLASS 1: LECTURE

**Examining goals for resource management:** Addressing resource scarcity (Malthus; limits to growth study) and the emergence of the concept of sustainable development; ecosystem approach; assessing sustainability

Reading

Roberts, Ch. 3. *Sustainable development and the goals of environmental policy*

CLASS 2: LAB

CASE STUDY: Sustainability: Case of salmon aquaculture in BC

**Week 6 Oct 9**

CLASS 1

**THANKSGIVING HOLIDAY**

CLASS 2

**QUIZ 1**

**THEME: INTERNATIONAL CONTEXT AND RESOURCE MANAGEMENT**

**Week 7 Oct 16**

CLASS 1: LECTURE

**International environmental policy making**

Globalization and neo-liberalism; internationalization; free trade

Reading

Roberts, Ch. 7 *International environmental policy making*

CLASS 2: LAB

CASE STUDY: International policy: Case of the Arctic and polar bear protection

**THEME: ROLE OF SCIENCE AND ECONOMICS IN RESOURCE MANAGEMENT**

**Week 8 Oct 23**

CLASS 1: LECTURE

**Science, Technology and Policy**

Science and policy making; uncertainty, precautionary principle and adaptive environmental management

Reading

Roberts, Ch. 4. Science and Technology: Policies and Paradoxes

CLASS 2: LAB

DISCUSSION: Students choose one of three topics

**Week 9 Oct 30**

CLASS 1

**QUIZ 2**

CLASS 2: PROJECT 1: Focus on renewable energy

**Week 10 Nov 6**

CLASS 1: LECTURE

**Economics and resource management**

Reading

Roberts, Ch. 8. *Environmental economics*

CLASS 2: PROJECT 2: Managing economic growth in a finite world

**Week 11 Nov 13**

CLASS 1: LAB

DISCUSSION: Students choose one of three topics

CLASS 2: Getting started on your research paper

**THEME: DECISION MAKING IN RESOURCE MANAGEMENT**

**Week 12 Nov 20**

CLASS 1: LECTURE

**LECTURE: Natural resources and decision-making**

Decision making process; environmental assessment

CLASS 2: PROJECT 3: Decision making in practice: Case of BC

The Tatshenshini-Alsek wilderness preservation decision: Examining resource interests and making the decision

The Taseko Prosperity mine project decision

**Week 13 Nov 27**

CLASS 1

**QUIZ 3**

CLASS 2

Focus on research paper

**Week 14 Dec 4**

CLASS 1/2

Research paper: Completion

**5. Basis of Student Assessment (Weighting)**

Online/in-class work (case study definitions; assignment; discussion)	= 35%
Paper	= 35%
Quizzes	= 20%
Projects	= 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
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<b>I</b>	<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.
<b>IP</b>	<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. <i>(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.)</i>
<b>CW</b>	<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.