Science Department
1155 East Broadway, Vancouver, B.C. V5T 4V5

EVSC 1100: Introduction to Environmental Science

CRN 44509 Section 603

January 6 – April 24, 2020

Instructor: Maria Morlin Office: Room 3257i
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Classes: Mon/Wed 1:00 – 3:00, room A3279

Website: sciencerocks.ca

Office hours: Tues 12:30-1:30 pm, Mon/Wed 6:00-6:30 pm

Textbook: Miller, G Tyler, Hackett, Dave, Wolfe, Carl. 2017. Living in the Environment, Fourth Canadian Edition. Nelson Education. Toronto.

Course schedule

Week	Lecture Topic	Readings from Text	Activities, tutorial, or field trip
1	Introduction and History	Ch 1, 2	Environmental issues and solutions (quality of life).
2	Science and ecosystems	Ch 3, 4	Forestry and ecology: experiments
3	Biodiversity	Ch 5, 6, 7	Test review
4	Ecology	Ch 8, 9, 10	Test Chapters 1-7
5	Sustaining Biodiversity	Ch 11, 12, 13	Class discussion: ecotourism
6	Food, soil, water resources	Ch 14, 15	Case studies 1) soil conservation 2) the value of wetlands
7	Nonrenewable resources	Ch 16, 17	Case study: Alberta oil sands
8	Renewable energy, toxicology and human health	Ch 18,19	Article review: New energy technologies
9	Air pollution, climate change	Ch 20, 21	Test #2 Ch 8-19 Investigation: current trends in climate change
10	Water pollution, pest management	Ch 22, 23	Student investigation: human feelings about water pollution
11	Waste Sustainable cities	Ch 24, 25	Class project: conserving agricultural land
12	Economics, politics, environment and sustainability	Ch 26, 27	Discussion: climate change – how to promote personal investment
13	Environmental world views	Ch 28	Review
14	Final test date TBA		Test #3: Ch 20-28

Note: The above information is tentative and subject to change

IMPORTANT DATES:

Last day to withdraw:	January 10 (no W on transcript)
Last day to register in person:	January 14
Last day to withdraw:	March 26 (no F on transcript)
Last day of classes:	April 2
Exam period:	April 6-22

Grade Scheme:

A+	90 – 100	A	85 – 89	A-	80 – 84
B+	76 – 79	B	72 – 75	B-	68 - 71
C+	64 – 67	C	60 - 63	C-	55 - 59
D	50 - 54	F	below 50		

Mark Breakdown (due dates to be announced):

Assignment	**Value**	**Mark**
Participation (pop quizzes)	5	_____
Written assignment	15	_____
Project and Presentation	15	_____
Field notes	5	_____
Midterm I	20	_____
Midterm II	20	_____
Final Exam	20	_____
Total	100	_____

Notes:

1. Late assignments will have marks deducted unless previous arrangements were made. Reports more than one week late may not be marked. Any extensions must be arranged before the due date and only for critical reasons**!**
2. Copying of material and plagiarism are not acceptable. Violations may result in a grade of zero or failure of the course.
3. The final exam must be written to complete the course.

This is a pilot course: We will "cherry-pick" subjects from the textbook and from our lives to enhance our understanding of environmental science and test out the course!