



ENST-200 – Introduction to Environmental Sustainability

University Arts and Science

Effective Term & Year: Fall 2022

Course Outline Review Date: 2026-03-01

Program Area: Math and Sciences

Description:

This course examines the central concepts of environmental sustainability and considerations for development. Students are introduced to the complexity and debate of developing resource-based industries and minimizing impacts to ecosystems and communities. Planning and management strategies for various industries, as well as the role of various agencies and organizations, will be examined with specific examples.

Program Information:

This course can be used as either a required course or an elective in several University Studies Programs. Refer to the College Program guide for additional information.

Delivery Methods: On-campus (Face-to-Face), Online

Credit Type: College of the Rockies Credits

Credits: 3

Course type/s: Social Sciences

Instructional Activity and Hours:

Activity	Hours
Classroom, Directed Studies or Online Instruction	45
Seminar/Tutorials	
Laboratory/Studio	
Practicum/Field Experience	

Co-op/Work Experience	
Other	
Total	45

Course Requisites:

None

Flexible Assessment: Yes

In some cases students may be able to apply for recognition of prior learning outside the classroom. This flexible assessment process provides equivalent course credit. It is a rigorous process that may include external evaluation, worksite assessment, demonstration, standardized test, self-assessment, interview, products/portfolio, and challenge exam, or other measures as appropriate. Tuition fees apply. Contact an education advisor for more information.

Course Transfer Credit:

For information about receiving transfer credit for courses taken at either British Columbia or Alberta institutions, please see <https://www.bctransferguide.ca/> or <https://transferalberta.alberta.ca> . For more transfer credit information, please visit <https://www.cotr.bc.ca/Transfer>

All requests for course transfer credit from institutions in British Columbia or elsewhere should go to the College of the Rockies Enrolment Services office.

Textbook Resources:

Textbook selection varies by instructor and may change from year to year. The following textbook may be used as a foundation for the course:

Sustainability: A Comprehensive Foundation by Tom Theis, University of Illinois, Jonathan Tomkin,
University of Illinois is licensed under a Creative Commons Attribution 4.0 International License, except where otherwise noted.

Please see the instructor's syllabus or check COTR's online text calculator <https://textbook.cotr.bc.ca/> for a complete list of the currently required textbooks.

Learning Outcomes:

Upon the successful completion of this course, students will be able to:

- expand one's understanding of basic environmental sustainability concepts;
- describe how basic concepts of ecology help to explain how human activity can influence the characteristics of a natural setting;
- identify and explore detailed examples of sustainable development;
- explain the role of various agencies who manage natural resources and how they can influence sustainable development;
- describe the "carrying capacity model," and how this model can influence the management of natural resources;
- analyze why environmental ethics and environmental stewardship are significant concerns for sustainable development;
- recognize how specific industries can work with government, industry and local communities toward the achievement of sustainable development in Canada and in other countries;
- be aware of the types of conflicts that can occur in developing resource based industries; and
- critically engage in the evaluation of course examples and apply these learned concepts in various course projects, assignments, and discussions.

Course Topics:

I Introduction

1. What is Environmental Stewardship?
2. Components of Environmental Stewardship
3. The Global Environment
4. Definitions of Sustainability
5. Principles of Sustainable Development

II The Environment and Yourself

1. Introduction to Ecosystem Awareness & Ecology
2. Introduction to Eco-philosophy
3. Applying Environmental Stewardship

III The Environment and the Community

1. Elements Necessary for Sustainable Development
2. What are 'Carrying Capacities'?
3. Integrated Development
4. Principles of Sustainable Development

5. Partners for Sustainable Development
6. Integrated Community Planning

IV Managing Environmental, Economic & Social Impacts of Development

1. Introduction to the Social and Cultural Impacts of Development
2. Managing Economic, Environmental, Social and Political Impacts of Development
3. The Multiplier Effect
4. Education and Sustainable Development
5. Roles in Supporting Sustainable Development

V First Nations and Sustainable Development

1. First Nations Issues Regarding Resource Management
2. First Nations Land Claims
3. Treaty Negotiations

See instructor syllabus for the detailed outline of weekly readings, activities and assignments.

Evaluation and Assessments

Assessment Type: On-Campus (face-to-face) and Online, or Hybrid

Assessment Type	% of Total Grade
Projects	20%
Assignments (8 x 5% each)	20%
Class Activities (including forum posts and discussions)	20%
Midterm Exam	15%
Final Exam	25%
Total	100%

Grade Scheme

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

Evaluation Notes: A grade of “D” grants credit, but may not be sufficient as a prerequisite for sequential courses.

Evaluation Notes Comments:

Note: Regular attendance is expected. Absence for more than three classes without arrangement with instructor, result in one grade loss for the final mark. Late assignments will lose 10% for each calendar day. The mark for assignments decrease by 10% for each calendar

day that the assignment is late.

Exam Attendance:

Students must attend all scheduled exams at the appointed time and place. Instructors may approve an alternate exam to accommodate an illness or personal crisis. Department heads will consider other written requests. Any student who misses a scheduled exam without prior approval will receive a "0" on the exam.

Academic Policies:

College of the Rockies policies related to courses can be found at <https://cotr.bc.ca/about-us/college-policies/> and include the following:

- Policy 2.4.3 Students with Documented Disabilities
 - Policy 2.4.4 Student Conduct (plagiarism, other cheating, behavioral misconduct)
 - Policy 2.5.8 Academic Performance
 - Policy 2.5.3 Grade Appeal
 - Policy 2.4.9 Student Concerns Re Faculty
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Equivalent Course(s) and Course Code Changes

Equivalent Course: Students who have received COTR credit for ENST 200 may not receive additional credit for ATBO 207 or TOUR 237.

Prior Course Code: TRMP 237

Course Changes:

The College of the Rockies updates course outlines regularly to meet changing educational, employment and marketing needs. The instructor will notify students in writing of any updates to this outline during the semester. The instructor reserves the right to revise, add or delete material while meeting the learning outcomes of this course outline.