



Course Outline

ENVIRONMENTAL
TECHNOLOGY

ENVT 262
Environmental Laws, Guidelines, Regulations and Land Rights
Fall, 2013

3 CREDITS
3 HOURS LECTURE PER WEEK

INSTRUCTOR: Dr. Danna Schock

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PHONE NUMBER: (780) 791-4816
E-MAIL: danna.schock@keyano.ca
OFFICE NUMBER: S209c
OFFICE HOURS:

Monday	2:00 – 3:00 pm
Thursday	12:00 – 2:00 pm
Friday	12:00 – 2:00 pm

Please email me to make an appointment at an alternate time if these times won't work for you.

HOURS OF INSTRUCTION:

Thursday	9:00 – 10:50 am	Room 267
Friday	10:00 – 10:50 am	Room 267

COURSE DESCRIPTION:

This course provides an understanding of Acts and Regulations under municipal, provincial and federal jurisdiction as they relate to environmental protection and development of natural resources in Alberta. Key pieces of legislation this course examines include the Alberta Environmental and Protection and Enhancement Act, Alberta Land Stewardship Act, Public Lands Act, the Species At Risk Act, the Fisheries Act, and Treaty 8. Special emphasis is placed on developing skills to independently obtain information, and therefore remain current, on environmental protection standards because legislation and policy is continuously re-examined by legislative bodies.

PRE-REQUISITE(S):

Entrance into the Environmental Technology program

COURSE OUTCOMES:

Students that successfully complete this course will be able to:

1. Explain the basic structure of Canadian and Alberta law
2. Identify relevant local, regional and federal government agencies, and independently locate sources of reliable information from, and about, those agencies.
3. Identify relevant non-government organizations (NGOs) and independently locate sources of reliable information from, and about, those NGOs.
4. Explain how environmental laws and regulations apply to oil sands related projects within Alberta and use that knowledge to anticipate how those laws apply to other types of projects within Alberta.

REQUIRED RESOURCES:

There is no required textbook. A variety of government and NGO websites, scholarly articles (provided) and videos will be used.

Online Resources to be used include (but not limited to):

Provincial Statutes, e.g., Alberta Environmental Protection and Enhancement Act, Alberta Land Stewardship Act, Public Lands Act. <http://esrd.alberta.ca/> or the Queen’s Printer.

Alberta Energy Regulator (Gov of AB): <http://www.aer.ca/>

<http://environment.gov.ab.ca/info/library/6964.pdf>

Canadian Environmental Assessment Act, 2012

Downloadable at: <http://www.ceaa.gc.ca/default.asp?lang=En&n=9EC7CAD2-1>

This is an informative site in general – you are encouraged to bookmark it and familiarize yourself with everything that is available.

Other Federal statutes, e.g., Fisheries Act

Downloadable at: <http://laws.justice.gc.ca/en/index.html>

NB: bookmark this page for other law references

Wood Buffalo Environmental Association <http://wbea.org/>

Cumulative Environmental Management Association <http://cemaonline.ca/>

Environmental Law Centre <http://www.elc.ab.ca/pages/home/default.aspx>

TOPICS TO BE COVERED:**Please Note:**

This course outline may be modified to facilitate unforeseen time constraints. Time allotted to each topic will vary depending on depth and complexity of material. Also note that several pieces of legislation and governing bodies will come up in multiple contexts.

Topic 1	Basic Concepts for Environmental Law: Types of Rule and law, origin and development of the Canadian Constitution, political structure of federal and provincial government.
Topic 2	Division of Powers – Federal vs Provincial Environmental Responsibilities Overlapping Federal/Provincial Jurisdictions: causes and solutions, overlapping intra-provincial and inter-provincial jurisdictions, cooperation among regulators.
Topic 3	Alberta’s environmental laws: history and purpose, regulatory hierarchy, agency mandates. Special attention to the Alberta Environmental Protection and Enhancement Act (AEPEA), Alberta Water Act, and Public Lands Act.
Topic 4	Federal laws and agencies with special attention to Species At Risk Act, Fisheries Act, Navigable Waters Act, CEAA Triggers.

Topic 5	Approvals and applications associated with the life cycle of an oil sands operation: current oil sands mining operations, Joint Energy Resource Conservation Board/Alberta ENV Applications, Joint Alberta/Canada Hearings, processes after hearings.
Topic 6	Aboriginal Peoples' roles in oil sands development : Treaty making in Canada, the evolution of treaty rights and land claims, and consultation as a constitutional issue.
Topic 7	The role of NGOs in oil sands development, including hearings, policy development, and monitoring. Case studies including CEMA, RAMP, and WBEA.
Topic 8	International legislation including the Migratory Bird Conventions Act and NAFTA, and legislation pertaining to World Heritage Sites, endangered species, and climate change.

MOODLE and KEYANO EMAIL:

Moodle is at <http://ilearn.keyano.ca>

This course is supported through Moodle. Assignments, readings, handouts, etc will be posted on Moodle. It is expected that you will be regularly visiting the course page and that you are able to send and receive messages through Moodle. You must ensure your account is operational and that you are familiar with how to navigate Moodle by the end of the FIRST WEEK OF CLASSES.

Similarly, you must ensure your KEYANO email is operational and you must check it regularly – twice a day is recommended. **I will not use your personal email addresses** (gmail, yahoo, etc) for a plethora of liability, security and confidentiality reasons.

CELL PHONES and other electronic devices:

Except by express permission of the instructor:

a) cell phones must not be visible during class and must be SILENT. Class disruptions and failure to follow class material due to cell use will not be tolerated.

b) cell phones and other electronic devices must be turned off and stored in a designated area during all exams.

EVALUATION:

Assignment	Percentage	Due Date
Term paper	15%	Friday 6 Dec
Mid-term 1	25%	Thursday 17 Oct
Mid-term 2	25%	Thurs 14 Nov
Final Examination	35%	set by Registrar's Office (Exams run 9 -18 Dec)

GOOD ATTENDANCE AND GOOD GRADES ARE TIGHTLY CORRELATED

Regular attendance is expected and that fact will be reflected in the calibre and nature of assignments and exams. PowerPoint presentations should be thought of as study guides; you must take additional notes in class to do well.

Material presented by guest lecturers and material presented during student presentations will be included on exams.

Attendance will be taken in accord with department policy.

This will be accomplished by sign-in sheets distributed at the beginning of class/lab. Each student must enter their own information on the sign-in sheet. Failure to record your information on the sign-in sheets will be recorded as an absence.

ASSIGNMENTS AND EXAMS

It is YOUR responsibility to make sure you know when assignments are due, and when exams take place. Major exam dates are listed in this course outline. Assignments will be announced in class/lab.

You will have at least 1 week to complete assignments.

Assignments are due at the start of class on the day they are due. Assignments are automatically late if not handed in when asked for at the start of class.

Late assignments will be penalized 20% per day late and will not be accepted if more than 5 days late. Do not email any assignments to me. I won't open them; they will be deleted.

The lecture final exam will be cumulative.

Travel plans are NOT valid excuses for missing a final exam. Do not make plans to travel during the final lecture exam period (9 - 18 Dec). Exams missed under these circumstances will not be accommodated and therefore completion of the course is not possible.

Students who do not complete all the required work should not expect to pass the course.

For information on Deferred Exams, Supplemental Exams and other general College-wide policies pertaining to exams, students should consult:

<http://www.keyano.ca/Academics/Examinations>

GRADING SYSTEM:

Letter Grade	Description	Grade Points
A+		4.0
A	Excellent	4.0
A-		3.7
B+		3.3
B	Good	3.0
B-		2.7
C+		2.3
C	Satisfactory	2.0
C-		1.7
D+		1.3
D	Minimal Pass	1.0
F	Failure	0

A minimum grade of ‘C-’ is required for progression.

Students should consult the Keyano College Credit Calendar or online at:
<http://www.keyano.ca/Academics/CreditCalendar>

Important Dates for the Fall 2013 Semester:

Tues 17 Sept	Courses dropped after this date will be designated “W”. (A withdrawal (W) is not reflected in your GPA)
Thursday 17 Oct	Mid-Term Exam I
Friday 25 Oct	Courses dropped after this date will be designated “WF”. (A withdrawal failure (WF) counts as a 0 in your GPA)
Thursday 14 Nov	Mid-Term Exam II
Friday 6 Dec	Last day of classes
9 – 18 Dec	Final Exams college-wide; date set by Registrar’s office

Students should consult the academic calendar, see especially page 8:

http://www.keyano.ca/Portals/0/Documents/Academic%20Calendar/creditcalendar2013-14_book.pdf

COLLEGE POLICIES

Equality, Equity and Respect

The Keyano College is committed to providing an environment of equality, equity and respect for all people within the College community. All members of this community are considered partners in developing teaching and learning contexts that are welcoming to all. Faculty, staff, and students are encouraged to use inclusive language to create a classroom atmosphere in which students' experiences and views are treated with equal respect and valued in relation to their gender, ethnic and cultural background, and sexual orientation.

Students should consult:

<http://www.keyano.ca/StudentLife/StudentConduct/IndividualRightsPolicy>

Plagiarism and Cheating

Every student expects to be treated and evaluated fairly in a course. Plagiarism and cheating robs everyone of this right.

No student may submit words, ideas or data of another student or person as his or her own in any writing, project, assignment, quiz, electronic presentation, exam etc. Any work used that is not the student's own must be clearly cited as belonging to someone else. There are penalties for using other's work and not citing it. The Student's Rights & Responsibilities document clearly outlines these penalties and the appeal process.

- No learner can obtain information from another student during an exam.
- No learner can bring unauthorized information (paper or electronic) into an exam or quiz.
- No student can submit work done in another course for grading in this course without the written prior approval of the course instructor.
- No student can submit copyright protected or commercially produced materials as part or all of an assignment without proper citation & permission.

CHEATING AND PLAGIARISM WILL BE DEALT WITH SWIFTLY AND DECISIVELY.

All assignments and exams are to be the product of each student's own work. A grade of zero will be given for plagiarized assignments and more serious penalties may apply.

Do not share your assignments, nor loan them to anyone else – students that allow their work to be plagiarized are guilty of academic misconduct to the exact same extent as students that do the copying and “donor” students will be treated as such in terms of disciplinary action.

Students should consult:

<http://www.keyano.ca/Academics/Examinations>

<http://www.keyano.ca/StudentLife/StudentConduct/IndividualRightsPolicy>

Student Rights & Responsibilities

Students should consult the Keyano College Credit Calendar or online at:

<http://www.keyano.ca/Media/Collections/Calendars/Keyano.Calendar1112-10-full.pdf>

Specialized Supports and Duty to Accommodate*Disability Support Services: Learner Assistance Program*

If you have a documented disability or you think that you would benefit from some assistance from a Disabilities Counsellor, please call or visit the Disability Supports Office 780-792-5608 to book an appointment (across from the library). Services and accommodations are intended to assist you in your program of study, while maintaining the academic standards of Keyano College. We can be of assistance to you in disclosing your disability to your instructor, providing accommodations, and supporting your overall success at Keyano College.

Specialized Supports and Duty to Accommodate

Specialized Support and Duty to Accommodate are aligned with the office of Disability Support Services: Learner Assistance Program (LAP) guided by federal and provincial human rights legislation, and defined by a number of Keyano College policies. Keyano College is obligated by legislation to provide disability-related accommodations to students with identified disabilities to the point of undue hardship.



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**3 CREDITS
3 HOURS PER WEEK**

Danna Schock, Instructor

Date

Reviewed and approved by:

Louis Dingley, Chairperson

Date

Guy Harmer, Dean

Date