Earth Sc 4EA3
Environmental Assessment
Course Outline Winter 2018

Instructor
John Maclachlan
GSB-230
Email: maclacjc@mcmaster.ca

Introduction
The primary aim of this course is to introduce students to the concepts of environmental assessment and environmental impacts. The history of environmental assessment and how it is used within Canada will be discussed, with an emphasis placed on Ontario regulations. Students will have the opportunity to work on assignments that will give them practical experience working with resources commonly used in Environmental Consulting such as fire insurance maps and Phase 1/Phase 2 forms. Students will have the opportunity to explore and discuss numerous topics that fall under the umbrella of Environmental Assessment such as: What is an Environmental Assessment; Cumulative Effects; Strategic Environmental Assessments; Screening and Scoping; Impact Significance; Environmental Impact Matrices and Species at Risk.

Course Objectives
This course aims to give students the ability to fully understand issues and questions surrounding Environmental Assessment. Specifically, students should have an understanding of the Ontario regulations in relation to environmental assessment and why the practice is important. Through discussion with numerous guest speakers and practical assignments students will have the opportunity to demonstrate an understanding of Environmental Assessment strategies in Ontario.

Sources
Introduction to Environmental Impact Assessment: A Guide to Principles and Practice by Bram F. Noble


Additional reading material will posted, as required, on A2L (Avenue to Learn).

Lectures
Lectures are on Thursday and Friday from 2:30-3:20. Partial lecture notes will be available on A2L. It is responsibility of the student to ensure that notes are obtained for any classes missed.
Labs
A lab schedule will be posted on A2L on January 11th, 2018. Labs will begin the week of January 23rd. The lab the week of January 22nd is mandatory and you will be handing in your work at the end of the lab period. You will be outside that day so dress warmly.

Attendance and Emails Policy
Office hours are held by the contact T.A., and the instructor as well, to help clarify the content of lectures and assist with the assignment. It is not the T.A.’s or the instructor’s responsibility to go over an entire lecture with you, if you missed it. It is your responsibility to acquire the necessary information from classmates. Office hours will be posted on Avenue.

It is not appropriate to use email to ask detailed questions (including asking about what was discussed in lecture). As a general rule, you should not expect to receive answers to emails on weekends or in the evening. Rather, emails will typically be responded to during regular working hours on weekdays, and as schedule allows. Emails sent 24 hours prior to, or on the Final Exam test date will not be answered.

When asking a non-personal question you are encouraged to use the Avenue discussion board. It is likely that any question you have (whether it be clarification or simply of interest) is had by others as well. Both the TA and the instructor will frequent the discussion board.

As a courtesy, and to ensure your emails are properly answered, you must include your name and student ID number in the email signature. Emails must be sent from McMaster email accounts or they will not be read or responded to. Emails should be written in a professional manner, spell-checked and proof-read before sending them. The subject line must state for which course the query is about. Online discussion terminology (e.g. MSN) must be avoided.

Evaluation
This course will consist of five assignments, a capstone project and an essay style final exam to be scheduled by the University. The assignments will vary in their weighting to the final course grade ranging from 5% - 25%. Their schedule will be posted on A2L. It is the responsibility of the student to be aware of assignment due dates. Please see the section titled ‘Missed Work or Late Work’ for information regarding missed work.

This course will also contain a Final Exam. The final exam will cover all lecture and textbook readings, as well as subjects covered by the assignment. The final exam will consist of essay type questions.

Class Assignments
Phase 1 assignment (in lab January 23rd) 5%
Fire Insurance Plans assignment 30%
Impact Matrix 10%
### Missed or Late work

If you miss a due date for a legitimate reason you must file documentation. You can report absences that last up to 5 days using the McMaster Student Absence Form (MSAF). Please see the section titled ‘McMaster Student Absence Form (MSAF)’ for further information. Do not bring a doctor’s note to your instructor or T.A.

Late assignments, without justification, will be assigned a penalty of **25% per day of lateness**. All late assignments must be handed into the drop boxes on the second floor of General Science.

As this is a fourth year course all assignments must be completed. An assignment is considered due the morning the MSAF ends at 9:00am. You **must** contact your instructor to find out what accommodations, *if any*, will be made for a missed assignment. Failure to contact the instructor to discuss accommodations within 3 days of the due date results in a grade of zero on the assignment. **No penalties will be applied to material submitted late with justification.**

### McMaster Student Absence Form (MSAF)

If you are absent from the university for a minor medical reason, lasting fewer than 3 days, you may report your absence, once per term, without documentation, using the McMaster Student Absence Form. Absences for a longer duration or for other reasons must be reported to your Faculty/Program office, with documentation, and relief from term work may not necessarily be granted. When using the MSAF, report your absence to maclacjc@mcmaster.ca. You must then contact your instructor immediately (normally within 2 working days) by email at maclacjc@mcmaster.ca to learn what relief may be granted for the work, *if any*, you have missed, and relevant details such as revised deadlines, or time and location of a make-up evaluation. Please note that the MSAF may not be used for term work worth 30% or more, nor can it be used for the final examination.

**Please note:** students who use the MSAF, but who do not contact the instructor within the 2 working days period, may not be granted any relief. Also assignments in the class with assigned for numerous weeks may not be accommodated. Check with the TA and/or instructor

### Avenue to Learn (A2L)

URL: http://avenue.mcmaster.ca

A2L is an online system that will be used in this class for communicating information relating to the course (e.g. lecture notes, etc.). To log in to A2L, use your MUGSI login and password. See the A2L home page above for more instructions if you need them. **It is**
the student’s responsibility to check A2L regularly (i.e. AT LEAST twice a week) for updates.

Students should be aware that when they access the electronic components of this course, private information such as first and last names, user names for the McMaster e-mail accounts, and program affiliation may become apparent to all other students in the same course. The available information is dependent on the technology used. Continuation in this course will be deemed consent to this disclosure. If you have any questions or concerns about such disclosure please discuss this with the course instructor.

If you encounter any technical problems with this service go to the following website for support: http://avenue.mcmaster.ca/help/. Please note that it is not the responsibility of the teaching staff of EARTH SC 4EA3 to assist you with A2L issues.

**Mark Appeals and A2L grades**

You will have one week (i.e. 7 days) from the date that marks for an evaluation are released to appeal your mark. If you wish to appeal a mark for the class assignment you must attach to your assignment a written note (including your name, McMaster email address, and student ID number) justifying why you wish to have the class assignment looked after, and leave this in the EARTH SC 4EA3 drop box. In any case, if the request is found to be insufficiently justified (e.g. simply wanting a higher mark is insufficient), the matter will not be further investigated. Remember that a resubmitted paper is entirely regraded meaning the grade can go up or down.

Your marks will be recorded on A2L. **It is your responsibility to check that all marks entered into A2L are recorded properly.** You must notify the instructor about any errors with regards to how your marks are entered. You have until 48 hours prior to the final exam to report any A2L mark issues.

**Student Conduct**

Students’ behaviour in all aspects of this course should meet the standards of the McMaster University Student Code of Conduct. Any inappropriate behaviour directed against any of your colleagues, T.A, or the instructor will not be tolerated. Disruptive behaviour during lectures will also not be tolerated.

This also means that the A2L Discussion Board is an extension of the classroom. These spaces are to be considered inclusive and safe. Abuse, ridicule, slander, inappropriate language, and discrimination towards the instructor, teaching staff, and other students will not be tolerated in any capacity. This may lead to various disciplinary measures including, but not limited to, removal of access privileges to the A2L for Earth Sc 4EA3.

**Academic Dishonesty**

You are expected to exhibit honesty and use ethical behaviour in all aspects of the learning process. Academic credentials you earn are rooted in principles of honesty and academic integrity.
Academic dishonesty is to knowingly act or fail to act in a way that results or could result in unearned academic credit or advantage. This behaviour can result in serious consequences, e.g. the grade of zero on an assignment, loss of credit with a notation on the transcript (notation reads: “Grade of F assigned for academic dishonesty”), and/or suspension or expulsion from the university.

It is your responsibility to understand what constitutes academic dishonesty. For information on the various types of academic dishonesty please refer to the Academic Integrity Policy, located at

http://www.mcmaster.ca/academicintegrity

The following illustrates only three forms of academic dishonesty:
1. Plagiarism, e.g. the submission of work that is not one’s own or for which other credit has been obtained.
2. Improper collaboration in group work.
3. Copying or using unauthorized aids in tests and examinations.

Turnitin.com: In this course we will be using a web-based service (Turnitin.com) to reveal plagiarism. Students will be expected to submit their work electronically to Turnitin.com and in hard copy so that it can be checked for academic dishonesty. Students who do not wish to submit their work to Turnitin.com must still submit a copy to the instructor. No penalty will be assigned to a student who does not submit work to Turnitin.com. All submitted work is subject to normal verification that standards of academic integrity have been upheld (e.g., on-line search, etc.). To see the Turnitin.com Policy, please go to www.mcmaster.ca/academicintegrity.

Acknowledgement of Course Policies
Your registration and continuous participation (e.g. on A2L, in the classroom, etc.) to the various learning activities of Earth Sc 4EA3 will be considered to be an implicit acknowledgement of the course policies outlined above, or of any other that may be announced during lecture and/or on A2L. It is your responsibility to read this course outline, to familiarize yourself with the course policies and to act accordingly. Lack of awareness of the course policies cannot be invoked at any point during this course for failure to meet them. It is your responsibility to ask for clarification on any policies that you do not understand.

The instructor reserves the right to modify elements of the course and will notify students accordingly (in class and post any changes to the course A2L). The lecture schedule is only a guideline and may be modified during the course of the class. The instructor and university reserve the right to modify elements of the course during the term. The university may change the dates and deadlines for any or all courses in extreme circumstances. If either type of modification becomes necessary, reasonable notice and communication with the students will be given with explanation and the opportunity to comment on changes. It is the responsibility of the student to check their McMaster email and course websites weekly during the term and to note any change.