EES1123H: Environmental Regulations
Winter 2018
COURSE OUTLINE
Revised Jan. 16/18
Fridays 12 to 3 pm starting January 5, 2018
Room: AA208

Course instructor:
Dr. Kathy Wallace - kwallace@utsc.utoronto.ca
Office hours: Fridays 11 to 12pm in EV344

Teaching Assistant:
Mrs. Noelle Stratton – noelle.stratton@mail.utoronto.ca

EES1123H Environmental Regulations
“This course will cover selected federal and provincial environmental regulations. Students will discuss key regulations with experienced practitioners and be taught the values, assumptions and guiding principles which underlie regulations as they relate to the environment. Federal and provincial regulations that will be discussed include: environmental assessment, air quality and air emissions, contaminated lands and brownfields, water resources, fisheries, waste management, and other areas”.

COURSE OBJECTIVES:

The objectives of EES1123H (elective course for MEnvSc students) are to:

• provide an opportunity for students to become familiar with the statutes and regulations most commonly applied in environmental practice in Canada (Ontario)
• inform students of available online regulatory resources for use in environmental science and professional practice
• explore the background and development of key legislation affecting the environment
By the end of the course students should expect to have:

- improved their understanding of the regulatory framework of environmental legislation in Ontario and Canada
- gained experience in interpreting environmental regulations and their application
- advanced their knowledge of key environmental legislation in a variety of applications and case study scenarios
- compiled a personal catalogue of relevant environmental statutes and regulations
- develop an ability to use a broad range of environmental regulations from across the spectrum of environmental conditions and scenarios.

TEXTS AND READINGS
There is no required text for this course but we may have readings assigned by speakers or the course instructor from time to time. It is expected that you will have read the assigned reading(s) prior to attending the class. Students who do not do the readings will find it more difficult to follow the class material and will be challenged when completing assignments or exams. Additional suggested readings that you may find helpful for completing your assignments will be listed for you on Blackboard when applicable.

WEBSITES
As the course progresses you will be developing independence in locating applicable regulations and standards. Listed below are a few key resources regarding environmental legislation. Other applicable websites will be posted on Blackboard as necessary throughout the course.

Province of Ontario:
e-laws Ontario:
https://www.ontario.ca/laws

Federal (Canada):
Acts and regulations administered by Environment and Climate Change Canada:

Canadian Environmental Assessment Act
http://laws-lois.justice.gc.ca/eng/acts/C-15.21/page-1.html

Other:
City of Toronto – Water & Environment
https://www.toronto.ca/services-payments/water-environment/

Canadian Environmental Law Association (CELA):
http://www.cela.ca/
ASSIGNMENTS AND EVALUATION

A significant portion of the course evaluation will be based on practical exercises where you will take on the role of an environmental professional/scientist. Course evaluation is summarized below. Specific details of each assignment will be posted on Blackboard.

Evaluation will be carried out in accordance with the Graduate Grading and Evaluation Practices Policy (and how that policy is interpreted and applied in this Dept.)

<table>
<thead>
<tr>
<th>Component</th>
<th>Evaluation</th>
<th>Due Date</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Environmental Regulations (ON) “Scavenger Hunt”</td>
<td>January 19</td>
<td>10%</td>
</tr>
<tr>
<td>2a</td>
<td>Letter of Opinion 1</td>
<td>February 9</td>
<td>15%</td>
</tr>
<tr>
<td>2b</td>
<td>Letter of Opinion 2</td>
<td>March 2</td>
<td>15%</td>
</tr>
<tr>
<td>3</td>
<td>The Regulations - presentation</td>
<td>March 23/April 6</td>
<td>25%</td>
</tr>
<tr>
<td>4</td>
<td>Class Participation</td>
<td>throughout course</td>
<td>5%</td>
</tr>
<tr>
<td>5</td>
<td>Take home final</td>
<td>April 14</td>
<td>30%</td>
</tr>
<tr>
<td></td>
<td>TOTAL</td>
<td></td>
<td>100%</td>
</tr>
</tbody>
</table>

Assignments – Outline

1. **Environmental Regulations (ON) “Scavenger Hunt” (10%) — due January 19**
   You will be provided with a 10 question (short answer) take-home assignment (posted on Blackboard January 12th) to be completed individually using the internet. The assignment is to be completed and submitted at the start of class on January 19th. 
   **Rationale:** Allow students to become comfortable using key web based resources for Ontario’s Acts and Regulations. Promotes familiarity with available resources for assignments later in the course.

2. **Letters of Opinion 1 & 2 (15% each) – due (1) February 9 and (2) March 2**
   Students will individually prepare a short letter in response to an assigned environmental case study scenario. The instructions and topic(s) will be posted on Blackboard. 
   **Rationale:** Develop interpretation skills of the various environmental Acts and Regulations. Further development of professional skills using real-life scenarios.

3. **The Regulations - presentation (25%) – March 23 or April 6**
   Students will work in pairs (encouraged) or as individuals (with permission) to review an assigned regulation and provide a short presentation to the class. Specifics for the presentation assignment will be posted on Blackboard. 
   **Rationale:** A project to provide experience as a “consultant team” evaluating a project on behalf of your client.
4. **Class Participation - Discussions (5%) – throughout term**

5. **Final Exam (Take Home) (30%) – due April 14 11:59pm**
   The final exam will be cumulative meaning that material from the entire course is subject to examination.

**IMPORTANT INFORMATION ABOUT THE COURSE:**

**Blackboard**
This course will be supported by “Blackboard”, UofT’s *institutionally supported learning management system (LMS) and Student Portal. Blackboard is integrated with ROSI (UofT’s student information system) and is a full-featured LMS with an advanced content system, a variety of student communication tools, and easy-to-use course administration features. The Blackboard system is accessible using your UTORID which you would have been assigned to you as part of registration. You can access the portal via this link:
[https://portal.utoronto.ca/webapps/portal/execute/tabs/tabAction?tab_tab_group_id=12](https://portal.utoronto.ca/webapps/portal/execute/tabs/tabAction?tab_tab_group_id=12)

All course information, documents, assignment information and communications will be posted on Blackboard. It is your responsibility to check the information frequently. You must also ensure that you use your University of Toronto email address on Blackboard. If you are unfamiliar with Blackboard you can find a tutorial here and additional information at:

**Late or missed work**
In fairness to students who submit their work on time, all assignments submitted late will be deducted 10% for each 24 hour period past the deadline (each weekend day included). A UTSC medical certificate is required for lateness due to illness. You must submit the medical certificate within one week of the missed deadline in a sealed envelope marked to the attention of Dr. Kathy Wallace and deliver in person to Ms. Julie Quenneville in room EV254 for it to be considered. Note: Late enrollment is not a valid reason for missing an assignment or test.

**Attendance Policy:**
Although regular attendance is up to the individual student, you should be aware that important information and explanations will be given in class. This material may not be posted in the course handouts yet could be evaluated on assignments or the final exam. Do not assume the slide sets posted on Blackboard contain all of the information presented in class. Therefore it is important that you attend class to ensure that you have all of the pertinent class material and assignment instructions. If you miss a class, you will have missed receiving information and course material so please make sure if you miss a class that you get this information from a fellow student. You should also be aware that guest speakers may not make their slides available to students; therefore you should take good notes in class. Please see Blackboard for a few articles posted about good note taking.
Plagiarism

The University of Toronto Code of Behaviour on Academic Matters states that "it shall be an offense for a student knowingly: to represent as one's own any idea or expression of an idea or work of another in any academic examination or term test or in connection with any other form of academic work, i.e., to commit plagiarism."

For accepted methods of standard documentation formats, including electronic citation of internet sources please see the U of T writing website at:  
http://www.writing.utoronto.ca/advice/using-sources/documentation

The full Code of Behaviour regulations could be found from consulting  
http://www.sgs.utoronto.ca/facultyandstaff/Pages/Academic-Integrity.aspx

Writing and English Language

As well as the faculty writing support, please see English Language and writing support at University of Toronto: http://www.sgs.utoronto.ca/currentstudents/Pages/English-Language-and-Writing-Support.aspx Students have commented that they found this site extremely helpful for writing term papers.

The following are also useful:  

Emergency Planning

Students are advised to consult the university’s preparedness site (http://www.preparedness.utoronto.ca) for information and regular updates regarding procedures relating to emergency planning.

AccessAbility Services

Students with diverse learning styles and needs are welcome in this course. In particular, if you have a disability/health consideration that may require accommodations, please feel free to approach me and/or the AccessAbility Services Office as soon as possible. I will work with you and AccessAbility Services to ensure you can achieve your learning goals in this course.
The University of Toronto is committed to accessibility. If you require accommodations for a disability, or have any accessibility concerns about the course, the classroom or course materials, please contact The UTSC Accessibility Services as soon as possible:
http://www.utsc.utoronto.ca/~ability/

We also suggest you also refer to the following University of Toronto Scarborough Library link:
http://utsc.library.utoronto.ca/services-persons-disabilities

COURSE EVALUATION
I welcome your comments and concerns regarding the course or content directly by email or in person throughout the course. In addition, there is a formal procedure for submission of your comments regarding the course to the Department of Physical and Environmental Sciences at the completion of the course.
<table>
<thead>
<tr>
<th>Class</th>
<th>Date</th>
<th>Topics and Activities</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Jan. 5th</td>
<td>Course Introduction&lt;br&gt;• “where we are going and how we are going to get there”&lt;br&gt;Environmental Regulations&lt;br&gt;• Aims, objectives, major components&lt;br&gt;Legislative Framework&lt;br&gt;• Sorting out Statutes, Acts and Regulations</td>
<td>Guest Speaker: Mr. Marc McAree&lt;br&gt;Willms &amp; Shier</td>
</tr>
<tr>
<td>2</td>
<td>Jan. 12th</td>
<td>Navigating the Acts and Regulations&lt;br&gt;• Environmental Protection Act - Introduction</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Jan. 19th</td>
<td>Environmental Protection Act&lt;br&gt;• Regulations for environmental practice in Ontario</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Feb 2nd</td>
<td>Environmental Assessment&lt;br&gt;• CEAA, EAA (ON), Environmental Bill of Rights</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Feb. 9th</td>
<td>Water and Fisheries Management – Surface Water</td>
<td>Guest Speaker: Mr. Brett Woodman&lt;br&gt;Sr. Terrestrial/Wetland Biologist&lt;br&gt;Natural Resource Solutions Inc.</td>
</tr>
<tr>
<td>7</td>
<td>Feb. 16th</td>
<td>Air Quality Regulations in Ontario</td>
<td>Guest Speakers: Ms. Cathy Grant and Mr. Scott Grant, Ontario Ministry of Environment and Climate Change</td>
</tr>
<tr>
<td></td>
<td>Feb. 22nd</td>
<td><strong>READING WEEK – NO CLASS</strong></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>March 2nd</td>
<td>Multi-Jurisdictional Professional Practice&lt;br&gt;• Municipal, provincial and Federal interactions&lt;br&gt;• Management of projects – health and safety, clients and enforcement action</td>
<td>Guest Speaker: Mr. David MacGillivray&lt;br&gt;WSP Consulting</td>
</tr>
<tr>
<td>9</td>
<td>March 9th</td>
<td>Green Energy &amp; Climate Change</td>
<td>Guest Speaker: Mr. Travis Allan&lt;br&gt;Partner&lt;br&gt;Demarco Allan LLP</td>
</tr>
<tr>
<td>10</td>
<td>March 16th</td>
<td>Conservation Policy in Canada</td>
<td>Guest Speaker: Prof. Nick Mandrak&lt;br&gt;UTSC</td>
</tr>
<tr>
<td>11</td>
<td>March 23rd</td>
<td>Environmental Regulations - Presentations&lt;br&gt;• Applicable to Professional Practice - 1</td>
<td>Guest Speakers: Future Practitioners 1</td>
</tr>
<tr>
<td></td>
<td>March 30th</td>
<td><strong>GOOD FRIDAY – NO CLASS</strong></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>April 6th</td>
<td>Environmental Regulations - Presentations&lt;br&gt;• Applicable to Professional Practice - 2</td>
<td>Guest Speakers: Future Practitioners 2</td>
</tr>
</tbody>
</table>