



**EES1123H: Environmental Regulations  
Winter 2022**

**COURSE OUTLINE REVISED JAN.7/2022**

**Starting January 14, 2022**

**OFFERED ONLINE VIA ZOOM SYNCHRONOUS (Fridays 12 to 3pm)**

**Course instructor:**

Dr. Kathy Wallace - [kathy.wallace@utoronto.ca](mailto:kathy.wallace@utoronto.ca)

Office hours: virtual drop in via zoom (on Quercus) - Mondays 4 to 5 pm or email instructor to directly book an appointment

**Teaching Assistant:**

Mrs. Noelle Stratton – [noelle.stratton@mail.utoronto.ca](mailto: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 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 Quercus 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 Quercus 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:

<https://www.canada.ca/en/environment-climate-change/corporate/acts-regulations.html>

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 Quercus.

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.)

<http://www.governingcouncil.utoronto.ca/Assets/Governing+Council+Digital+Assets/Policies/PDF/grading.pdf>

Component	Evaluation	Due Date	Value
1	Environmental Regulations (ON) "Scavenger Hunt"	January 21	10%
2	EBR/ERO Assignment Part A - Registration	February 4	5%
3	EBR/ERO Assignment Part B – Opinion Assignment	March 4	15%
4	Regulations – Practical Project	March 18	20%
5	The Regulations – Part 1 Presentation	April 1 or 8	20%
6	The Regulations - Part 2 Presentation Notes	April 1 or 8	10%
7	Final Take Home Assignment	April 13	20%
		<b>TOTAL</b>	<b>100%</b>
<b>Bonus</b>	<i>Submit Discussion Topic Suggestion</i>	<i>March 11</i>	<b>B1%</b>
<b>Bonus</b>	<i>Discussion Topic Accepted for Class Discussion</i>	<i>March 25</i>	<b>B2%</b>

## IMPORTANT INFORMATION ABOUT THE COURSE:

### 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. Inquiries are confidential. 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>

### Verification of Illness

Students who are absent from academic participation for **any reason** (e.g., COVID, cold, flu and other illness or injury, family situation) and who require consideration for missed academic work should report their absence through the online absence declaration. The declaration is available on **ACORN** under the **Profile and Settings** menu. Students should also advise their instructor of their absence.

You can formally declare an absence for one or multiple consecutive days using the Absence Declaration tool in ACORN. This tool is used to record any absences for courses you're taking during the current academic session.

- ACORN: <https://www.acorn.utoronto.ca/>
- To declare an absence  
<https://help.acorn.utoronto.ca/blog/uqaqs/how-do-i-declare-an-absence/>
- To edit an existing absence declaration  
<https://help.acorn.utoronto.ca/blog/uqaqs/how-do-i-edit-an-existing-absence-declaration/>

### Late or missed work

In fairness to all students who submit their work on time, assignments submitted late will be deducted 10% per day (weekends include). Unfortunately, late completion of an online quiz cannot be accommodated and failure to complete the quiz on-time will result in a grade of zero for the quiz. However, if you are having personal issues that are affecting your ability to complete the course work please get in touch with your instructor prior to the due date so that we may be able to provide accommodation. Otherwise appropriate documentation (required by the Department as noted above) must be submitted to prevent any late penalties.

## QUERCUS

### Logging in to your Quercus Course Website

This course uses Quercus for its course website, which can be accessed via <https://q.utoronto.ca>.

### Activating your UTORid and Password

If you need information on how to activate your UTORid and set your password for the first time, please go to <http://www.utorid.utoronto.ca>. Under the “First Time Users” area, click on “activate your UTORid” (if you are new to the university) or “create your UTORid” (if you are a returning student), then follow the instructions. If you have any issues, please contact the Student Help Desk at 416-978-HELP.

### Communication from Course Instructor

If we need to contact you about an important change in the course, We will do so via the Quercus system. We suggest you consider downloading the “Canvas Student” app to your device(s) or, at a minimum, ensure your utoronto email address is properly linked for forwarding to whatever email service you actually check.

### You are responsible for:

1. Ensuring you have a valid UofT email address that is properly entered in the ROSI/ACORN system.
2. Checking your UofT email account and/or Quercus communications on a regular basis as this is the primary means of professor-to-student communication outside of regular classroom hours.

### Equity at the University of Toronto

The University of Toronto is committed to equity, human rights, and respect for diversity. All members of the learning environment in this course should strive to create an atmosphere of mutual respect where all members of our community can express themselves, engage with each other, and respect one another’s differences. U of T does not condone discrimination or harassment against any persons or communities.

### Online Courses and Recording

Notice of video recording and sharing (download permissible; re-use prohibited). This course, including your participation, will be recorded on video and will be available to students in the course for viewing remotely and after each session.

Course videos and materials belong to your instructor, the University, and/or other sources depending on the specific facts of each situation and are protected by copyright. In this course, you are permitted to download session videos and materials for your own academic use, but you should not copy, share or use them for any other purpose without the explicit permission of the instructor.

### **Attendance Policy**

Although regular attendance and participation in the course is up to the individual student, it is highly recommended that you participate in the weekly online meetings when course content and assignments may be discussed.

### **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:

Sylvan Barnett, *A Short Guide to Writing About Art*. 5-7th edition (New York: Harper-Collins, 1997)

William Strunk Jr., E.B. White. *The Elements of Style* (New York: MacMillan Publishing). Other information regarding writing support is provided on Blackboard.

### **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.

**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.

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## COURSE SCHEDULE W2022 – EES1123 ENVIRONMENTAL REGULATIONS

Class	Fri	Topics and Activities	Comments
1	Jan. 14	<b>Environmental Regulations</b> <i>Ontario Environmental Protection Act - Introduction</i> <i>Navigating elaws</i> <b>The Legislative Framework</b> <ul style="list-style-type: none"> <li>Understanding Statutes, Acts and Regulations</li> <li>eLaws – what you need to know</li> </ul>	<b>Prior to class watch Intro video on Quercus</b> <b>In-Class Guest Speaker:</b> Mr. Marc McAree Environmental Lawyer Willms & Shier
2	Jan. 21	<b>Environmental Protection Act – Part 1</b> <ul style="list-style-type: none"> <li>Regulations for environmental practice in Ontario</li> <li>Role of the Environmental Officer - enforcement</li> </ul>	Dr. Kathy Wallace & <b>Guest Speaker:</b> Coreen Daley Environmental Officer, MOECP
3	Jan. 28	<b>Environmental Protection Act Part 2 &amp; the Environmental Bill of Rights</b> <ul style="list-style-type: none"> <li>Including explanation of EBR/ERO registry</li> </ul>	Dr. Kathy Wallace
4	Feb 4	<b>Water Management – Ground Water</b> <ul style="list-style-type: none"> <li>Ontario Water Resources Act, Clean Water Act, Safe Drinking Water Act</li> </ul>	<b>Guest Speaker:</b> Mr. Tom Bradley, Hydrogeologist Regional Municipality of York
5	Feb. 11	<b>Water and Fisheries Management – Surface Water</b> <i>Municipal and Regional Conservation</i>	<b>Guest Speaker:</b> Kim LeBrun Senior Ecologist, WSP Consultants– Fisheries Ecology & Environmental Impact Assessment - Ecology
6	Feb. 18	<b>Air Quality Regulations in Ontario</b> <i>Including public participation</i>	<b>Guest Speakers:</b> Ms. Cathy Grant and Mr. Scott Grant – C&S Grant Environmental Consulting (retired MOECP)
No Class	Feb. 25	<b>READING WEEK – NO CLASS</b>	
7	March 4	<b>Environmental Assessment</b> <ul style="list-style-type: none"> <li>CEAA, EAA (ON), Environmental Bill of Rights</li> </ul>	<b>Guest Speaker:</b> Mr. Chris Brown, Sr. Env. Planner, ON Ministry of Transportation
8	March 11	<b>Multi-Jurisdictional Professional Practice</b> <ul style="list-style-type: none"> <li>Municipal, provincial, and Federal interactions</li> <li>Management of projects – health and safety, clients, and enforcement action</li> </ul>	<b>Guest Speaker:</b> Mr. David MacGillivray VTX Consulting Services Inc.
9	March 18	<b>Land Management, Ecology &amp; Biology</b> <ul style="list-style-type: none"> <li>Species at Risk</li> <li>Endangered Species</li> </ul>	<b>Guest Speakers:</b> Noelle Stratton, PhD Candidate & Olivia Robinson – intermediate ecologist – GEO Consultants
10	March 25	<b>Regulatory Accountability and in the News Discussion</b> <ul style="list-style-type: none"> <li>Office of the Auditor General</li> <li>Discussion of Current Issues in from a regulatory perspective</li> </ul>	<i>Please come prepared to discuss current issues that will be posted on Quercus</i>
11	April 1	<b>Environmental Regulations - Presentations</b> Applicable to Professional Practice - 1	<b>Guest Speakers:</b> Future Practitioners 1 (EES1123 Students)
12	April 8	<b>Environmental Regulations - Presentations</b> Applicable to Professional Practice - 2	<b>Guest Speakers:</b> Future Practitioners 2 (EES1123 Students)