

CHMB55H3 S 2023

ENVIRONMENTAL CHEMISTRY

Schedule and Location

Wednesday 11:00 – 12:00 @ IC212

Friday 10:00 – 12:00 @ MW110

Course Instructor

Jenny Oh

Office: EV442

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Teaching Assistant

Atzin San Roman

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Office Hours

Monday 13:00 – 14:00 @ EV442

Friday 13:00 – 14:00 @ EV442

or by appointment through Zoom

Evaluation

2 Written Assignments	20 %
Mid-Term Examination	30 %
Final Examination	50 %

Late assignments will not be accepted without a valid excuse.

Text

Baird, C.; Cann, M. *Environmental Chemistry*. 5th Edition, W.H. Freeman & Co., N.Y., 2012. If you have access to an older version of the textbook, don't spend money on a newer edition, as they are not sufficiently different. If material outside the text is required reading, it will be posted on the Quercus course page.

Website

CHMB55 maintains a Quercus web space, which archives a variety of course-related information including grades, class announcements, lecture materials.

Email Policy

- Use U of T account for all your correspondences. If other accounts (Yahoo, Gmail, Hotmail, etc.) are used, your email will be filtered out as spam and may not be received.
- Put CHMB55 in the subject line followed by the reason for the email.
- Every effort will be made to respond to student emails within 48 hours (Monday-Friday) provided that the above protocol is used.

Tentative Schedule

Week	Start Date	
1	Wed, Jan 10	Stratospheric Chemistry: The Ozone Layer
	Fri, Jan 12	
2	Wed, Jan 17	
	Fri, Jan 19	Tropospheric Chemistry and Air Pollution
3	Wed, Jan 24	
	Fri, Jan 26	
4	Wed, Jan 31	
	Fri, Feb 2	
5	Wed, Feb 7	
	Fri, Feb 9	Green House Effect and Climate Change
6	Wed, Feb 14	
	Fri, Feb 16	Mid-Term Test (Tentatively)
7	Feb. 17-23	Reading Week
8	Wed, Feb. 28	
	Fri, Mar. 2	
9	Wed, Mar. 6	
	Fri, Mar. 8	Toxic Organic Chemicals
10	Wed, Mar. 13	
	Fri, Mar. 15	
11	Wed, Mar. 20	
	Fri, Mar. 22	
12	Wed, Mar. 27	Chemistry of Natural Waters and Water Pollution
	Fri, Mar. 29	
13	Wed, Apr. 3	
	Fri, Apr. 5	

Accessibility

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. Enquiries are confidential. The UTSC *AccessAbility* Services staff (located in S302) are available by appointment to assess specific needs, provide referrals and arrange appropriate accommodations (416) 287-7560 or ability@utsc.utoronto.ca.

Academic Integrity

Academic integrity is one of the cornerstones of the University of Toronto. It is critically important both to maintain our community, which honours the values of honesty, trust, respect, fairness and responsibility and to protect you, the students within this community, and the value of the degree towards which you are all working so diligently.

According to Section B of the University of Toronto's Code of Behaviour on Academic Matters <http://www.governingcouncil.utoronto.ca/policies/behaveac.htm>, which all students are expected to know and respect, it is an offence for students to:

- To use someone else's ideas or words in their own work without acknowledging that those ideas/words are not their own with a citation and quotation marks, i.e. to commit plagiarism.
- To include false, misleading or concocted citations in their work.
- To obtain unauthorized assistance on any assignment.
- To provide unauthorized assistance to another student. This includes showing another student completed work.
- To submit their own work for credit in more than one course without the permission of the instructor.
- To falsify or alter any documentation required by the University. This includes, but is not limited to, doctor's notes.
- To use or possess an unauthorized aid in any test or exam. There are other offences covered under the Code, but these are by far the most common. Please respect these rules and the values which they protect. Offences against academic integrity will be dealt with according to the procedures outlined in the Code of Behaviour on Academic Matters.

Equity, Diversity, and Inclusion

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.

The University of Toronto is a richly diverse community and as such is committed to providing an environment free of any form of harassment, misconduct, or discrimination. In this course, I seek to foster a civil, respectful, and open-minded climate in which we can all work together to

develop a better understanding of key questions and debates through meaningful dialogue. As such, I expect all involved with this course to refrain from actions or behaviours that intimidate, humiliate, or demean persons or groups or that undermine their security or self-esteem based on traits related to race, religion, ancestry, place of origin, colour, ethnic origin, citizenship, creed, sex, sexual orientation, gender identity, gender expression, age, marital status, family status, disability, receipt of public assistance or record of offences.

Use of Generative Artificial Intelligence Tools

Students may use artificial intelligence tools, including generative AI, in this course as learning aids or to help produce assignments. However, students are ultimately accountable for the work they submit.

Students may not use artificial intelligence tools for taking tests, writing research papers, creating computer code, or completing major course assignments. However, these tools may be useful when gathering information from across sources and assimilating it for understanding.

The knowing use of generative artificial intelligence tools, including ChatGPT and other AI writing and coding assistants, for the completion of, or to support the completion of, an examination, term test, assignment, or any other form of academic assessment, may be considered an academic offense in this course.

Video Recording and Sharing (Download and 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. Do not download, copy, or share any course or student materials or videos without the explicit permission of the instructor.

For questions about the recording and use of videos in which you appear, please contact your instructor.