

CHMB55: Environmental Chemistry

Winter 2013

Lecture Meetings: Mondays 11:00 to 13:00, Wednesdays 11:00 to 12:00, SW128

Course Instructor: John N. Westgate
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Teaching Assistant: Matthew Binnington

Office Hours: Wednesdays 12:00 to 14:00, P104 Room 109, 416-287-7224

Prerequisites: Chemistry CHMA10 and CHMA11. Students who have not completed these two courses require the explicit, written consent of the instructor.

Email Policy: Emails from students must be sent from a University of Toronto account (utoronto.ca) and should have the course code in the subject line, or they may be filtered out.

Evaluation:

Assignment One	15%
Assignment Two	15%
Midterm Examination	25%
Final Examination	40%
Participation (in class, online, etc.)	5%
Total	100%

The assignments will consist of problem sets based on the material covered in lectures and assigned readings.

Academic Integrity: Students are responsible for ensuring their conduct falls within the guidelines set out by the University in its Code of Behaviour on Academic Matters. In particular, *plagiarism*, which is the representation of someone else's work as one's own, is a serious offense.

The following is taken directly from the website of the University's Centre for Teaching Support and Innovation:

Academic integrity is essential to the pursuit of learning and scholarship in a university, and to ensuring that a degree from the University of Toronto is a strong signal of each student's individual academic achievement. As a result, the University treats cases of cheating and plagiarism very seriously. The University of Toronto's Code of Behaviour on Academic Matters (www.governingcouncil.utoronto.ca/policies/behaveac.htm) outlines the behaviours that constitute academic dishonesty and the processes for addressing academic offences. Potential offences include, but are not limited to:

In papers and assignments:

1. Using someone else's ideas or words without appropriate acknowledgement.
2. Submitting your own work in more than one course without the permission of the instructor.
3. Making up sources or facts.
4. Obtaining or providing unauthorized assistance on any assignment.

On tests and exams:

1. Using or possessing unauthorized aids.
2. Looking at someone else's answers during an exam or test.
3. Misrepresenting your identity.

In academic work:

1. Falsifying institutional documents or grades.
2. Falsifying or altering any documentation required by the University, including (but not limited to) doctor's notes.

All suspected cases of academic dishonesty will be investigated following procedures outlined in the Code of Behaviour on Academic Matters. If you have questions or concerns about what constitutes appropriate academic behaviour or appropriate research and citation methods, you are expected to seek out additional information on academic integrity from your instructor or from other institutional resources (see www.utoronto.ca/academicintegrity/resourcesforstudents.html).

Late Work: work that is not submitted on time will receive a penalty of one letter-grade per weekday (or any part thereof) of lateness. Assignments are due by the BEGINNING of class.

Accommodation:

The following is taken directly from the website of the University's Centre for Teaching Support and Innovation:

The University provides academic accommodations for students with disabilities in accordance with the terms of the Ontario Human Rights Code. This occurs through a collaborative process that acknowledges a collective obligation to develop an accessible learning environment that both meets the needs of students and preserves the essential academic requirements of the University's courses and programs.

Details of the services available to students at UTSC are available here:

http://www.utsc.utoronto.ca/~ability/about_accommodations.html

Text: Baird & Cann, 2012. Environmental Chemistry, 5th Ed., W.H.Freeman & Co., New York, 736 pp.

Proposed Schedule:

Week	Date	
1	Mon, Jan 7	Introduction, Stratospheric Chemistry and the Ozone Layer
	Wed, Jan 9	
2	Mon, Jan 14	Tropospheric Chemistry and Air Pollution
	Wed, Jan 16	
3	Mon, Jan 21	
	Wed, Jan 23	
4	Mon, Jan 28	
	Wed, Jan 30	
5	Mon, Feb 4	Green House Effect and Climate Change; Assignment 1 Due
	Wed, Feb 6	
6	Mon, Feb 11	Reading Week
	Wed, Feb 13	
	Mon, Feb 18	
	Wed, Feb 20	
7	Mon, Feb 25	Mid-term Examination
	Wed, Feb 27	
8	Mon, Mar 4	Toxic Organic Chemicals
	Wed, Mar 6	
9	Mon, Mar 11	
	Wed, Mar 13	
10	Mon, Mar 18	
	Wed, Mar 20	
11	Mon, Mar 25	Chemistry of Natural Waters and Water Pollution
	Wed, Mar 27	
12	Mon, Apr 1	Assignment 2 Due
	Wed, Apr 3	

Other important dates:

Mon, Feb 18	Family Day – University CLOSED
Sun, Mar 24	Last day to drop S courses with no academic penalty
Fri, Mar 29	Good Friday – University CLOSED

Missed Examinations: students who fail to write the mid-term examination due to medically legitimate (i.e. documented by a physician) or truly exceptional circumstances will be given one opportunity to write a similar exam. Students who miss the final exam must make arrangements through the Registrar's Office to write the exam in the next final examination period. The details can be found here: http://www.uts.utoronto.ca/~registrar/current_students/deferred_exams