

Syllabus - CHEM 2533: Introductory Organic Chemistry II

Instructor: Dr. J. T. Banks
Office: University Hall rm 114 (M,W,F) or Willet rm 19(Tu, Th)
Phone: 902-585-1178
Email: Jeff.Banks@acadiau.ca
Office Hours: Fridays 2:30 to 4:30 or by appointment.
Class: 9:20 – 10:20 – M, W, F in **Elliott 221**

Textbook: *Organic Chemistry* by Solomons, Fryhle and Snyder, J Wiley and Sons, 11th Edition, 2014 (Chapters 9,12-19)

Description: This is the second part of the introductory course in organic chemistry. Topics to be examined include: Chemistry at the Carbonyl Group (Ch's 12, 16 and 17); Conjugated Alkenes (Ch. 13); Aromatic Compounds (Ch 14); Reactions of Aromatic Compounds (Ch 15); Enol and Enolate Reactions (Ch's 18 and 19); and Structure Determination (Ch. 9 plus material added in lectures). Reaction mechanism will be stressed throughout the course.

Requirements: The prerequisite for this course is CHEM 2513 with a minimum grade of C-. Since chemistry is a laboratory science, the laboratory for this class is an integral part of the course. You must obtain a passing grade in the laboratory to pass the course. You will be expected to complete ALL laboratory experiments by attending ALL pre-lab sessions and the corresponding laboratory classes. You will also have to write up these laboratories according to a specified format and hand them in to be marked at specified times. Unexcused absences will result in a zero grade for that particular laboratory session. If you have more than one unexcused absence from the laboratory, you will be assigned a failing grade for the course.

Attendance: Please note that the text is a study guide, lectures may cover material that is not in the text. You are responsible for any material covered in class. If you miss a class for any reason you are still responsible for the material covered.

Course Material:

Required: Lab coat, safety glasses, lab book, lab manual (current year only)

Reccomended: Textbook, Molecular Model Kit, Sapling Learning.

❖ Grading Scheme		❖ Alternate Grading Scheme	
Sapling Assignments	5%	Sapling Assignments	0%
In Class Quizzes	10%	In Class Quizzes	10%
Laboratory	15%	Laboratory	15%
* Mid-term Exams	30% (as low as 0%)	* Mid-term Exams	30% (as low as 0%)
<u>Final Exam</u>	<u>40%</u> (up to 70%)	<u>Final Exam</u>	<u>45%</u> (up to 75%)
Total	100%	Total	100%
❖ Replacement Assignment	15%	❖ Replacement Assignment	15%

Grading Policy:

❖ Sapling is not required. If you opt out of using sapling your final exam will be worth 5% more (see Grading Schemes above).

Syllabus - CHEM 2533: Introductory Organic Chemistry II

✱ Mid-term exams are optional. If you do not write one, your final exam will be worth 15% more. If you do not write either, your final exam will be worth 30% more. As well, should you score higher on your final exam than on either midterm (or both), the mark from your final exam will be used in place of the midterm mark(s). This will be done automatically. There will be no make-up mid-term exams.

❖ If you should get less than 60% on the first midterm you may do a replacement assignment. This will involve making a video that could potentially be used in future offerings of this course. If you are interested in doing this, you should contact me to discuss it within one week of getting your midterm back. You cannot do this assignment unless you have written the first midterm. If you miss the first midterm for reasons beyond your control, but wish to do the replacement assignment, you must send me an email explaining why you could not write the mid-term by 11:59 PM on Wednesday, February 10, 2016.

Quizzes: There will be regular quizzes during Wednesday classes. Your quiz mark will be calculated from your 5 best quizzes. **You must complete at least 5 quizzes to be eligible to have your midterm mark(s) replaced by the mark from your final exam.**

Midterm Dates

Mid-term 1: February 10, 2015 (Wed)

Mid-term 2: March 23, 2015 (Wed)

Disability Services: If you are a student with a documented disability who anticipates needing accommodations in this course, please contact Dr. Abu Kamara, Coordinator, Accessible Learning Services at 902-585-1291, abu.kamara@acadiau.ca or Kathy O'Rourke, Disability Resource Facilitator at 902-585-1823, disability.access@acadiau.ca. Accessible Learning Services is located in the Fountain Commons, Lower Level.

Academic dishonesty consists of misrepresentation by deception or by other fraudulent means and can result in serious consequences. e.g. loss of credit (0 or F) and/or suspension or expulsion from the university. Examples of academic dishonesty: plagiarism; improper collaboration in group work, copying or using unauthorized aids in examinations, ignoring time limits during exams.

Lab

Instructor: Ms. Teri Gullon

Office: Elliott rm 322

Phone: 902-585-1468

Email: tgullon@acadiau.ca

Office Hours: 11:30 to 12:30 MWF or by appointment

Lab times: Th and Fr 1:30 to 4:30

See Acorn for important information regarding lab preparation. Each lab involves prelab work. If the prelab work is not complete, or the prelab lecture is missed, you will not be permitted to attend the lab, and will receive a zero for that experiment.