Chemistry 2283g
Organic Chemistry II

Instructor: Dr. Michael A. Kerr ChB 219
Class Times: MWF 9:30-10:30 in NS-7
Office Hours: By appointment.
Course Web-Page: Use the WebCT
Course E-mail: E-mail via WebCT

Text and other Purchases:
- *Organic Chemistry* by Klein, 7th edition
- (optional, but highly recommended) Molecular Model Set: Darling.
- Safety Glasses with side-panels (required, if you do not already own a pair).

Evaluation:
The final grade for the course will be determined by the following:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
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<tr>
<td>Lab Mark</td>
<td>25%</td>
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<tr>
<td>Two Term Tests</td>
<td>20% each = 40% February 6th 2-4 pm and March 5th 2-4 pm (location TBA)</td>
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<tr>
<td>Final Exam</td>
<td>35% (cumulative; 3 hours: Time and location set by Registrar)</td>
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In order to pass you need i) a mark $\geq 50\%$, and ii) 50% or greater in your laboratory mark and iii) a passing grade in the non laboratory component of the course. The final exam must be written.

Accessibility Statement
Please contact the instructor if you require information in an alternate format, or if any other arrangements are needed to make this class accessible to you. Advance notice of planned interruptions will be made in class and by email to @uwo.ca accounts. You may also wish to contact Services for Students with Disabilities (SSD) at 661-2111x 82147 for any specific question regarding an accommodation.

Topics Covered

1. Chapter 8: Alkenes: Structure and preparation via elimination reactions
2. Chapter 9: Addition reactions of alkenes
3. Chapter 10 Alkynes
4. Chapter 13: Alcohols and phenols
5. Chapter 14: Ethers, epoxides, thiols and sulfides
6. Chapter 18: Aromatic compounds
7. Chapter 19: Aromatic substitution reactions
8. Chapter 20: Aldehydes and ketones
Learning Outcomes

Be familiar with the properties and reactions of functional groups that include: alkenes, alkynes, alcohols, aldehydes and ketones. Develop an understanding of the unique properties of aromatic compounds and the reactions associated with them. Begin to tie these skills together to build more complex molecules through synthesis. In the lab execute reactions described in the course.

Important Notes Regarding Your Evaluation and Your Responsibilities in this Course:

1) Prerequisite: A Mandatory Notice from the Registrar:

"Unless you have either the prerequisites for this course or written special permission from your Dean to enroll in it, you will be removed from this course and it will be deleted from your record. This decision may not be appealed. You will receive no adjustment to your fees in the event that you are dropped from a course for failing to have the necessary prerequisites."

Prerequisites: Chem 2273a or special permission

2) Missed Work: MidtermTest or Exam:

Failure to write the midterm test or final exam will result in a zero grade in the course, unless a valid excuse has been filed with the Dean's Office. It is the student's responsibility to ensure that medical slips, etc. are filed with the Dean's Office and that a copy is sent to your instructor (not your laboratory demonstrator).

Note 1: If the midterm test is missed for valid reasons, the 25% will be transferred to the final examination. There is NO alternate midterm test.

Note 2: If the final exam is missed for valid reasons, a Special Exam (SPC) may be requested through the Dean's Office. By University regulation, the SPC must be written within 30 days of the original exam date.

If you are unable to meet a course requirement due to illness or other serious circumstances, you must provide valid medical or other supporting documentation to the Dean's office as soon as possible and contact your instructor immediately. It is the student's responsibility to make alternative arrangements with their instructor once the accommodation has been approved and the instructor has been informed. In the event of a missed final exam, a "Recommendation of Special Examination" form must be obtained from the Dean's Office immediately. For further information please see:


A student requiring academic accommodation due to illness (labs, quizzes assignments, tests, exams), should use the Student Medical Certificate when visiting an off-campus medical facility or request a Records Release Form (located in the Dean's Office) for visits to Student Health Services. The form can be found here:


Students wishing accommodation for religious, athletic or other special circumstances should consult with the Instructor well in advance of the date in question.

3) It is the policy of this department that when a student takes a test or examination, they have deemed themselves fit to do so. Claims of distress or medical issues after the fact will not be considered for the basis of a grade appeal.

4) Missed Work: Laboratory

Failure to complete a laboratory experiment, including the report, will result in a zero grade for the laboratory and potentially jeopardize completion of the course, unless a valid excuse has been filed with the Dean's Office. It is the student's responsibility to ensure that medical slips, etc. are filed with the Dean's Office and that a copy is sent to your instructor (not your laboratory demonstrator). Once notified by the Dean's Office the instructor will make the appropriate accommodation, such accommodation must be sought in a timely manner by the student. Accommodation is typically the opportunity to repeat the
same lab later in the week. Thus, it is important that the student not wait to make arrangements and miss this important opportunity.

Only one laboratory may be excused, if more than one complete lab is missed with or without proper legitimate reasons, the course will be deemed incomplete.

5) Missed Work: In-class quizzes

Students are required to present their Dean’s office with their reason for missing quizzes (see note 2, above), for reassignment of the value of the missed work, within 1 week, else a grade of zero will be assigned.

6) Policy on late work: Laboratory reports and other assignments have set due dates. A piece of work will not be accepted (that is, it will be given a grade of zero) if it is more than one week late or if graded work has already been returned to the class, whichever is first. Otherwise, laboratory reports and other graded work will lose 5% per day past the due time/date.

7) Plagiarism and Cheating: Chemistry 2283g has a ZERO tolerance for plagiarism and cheating. Cases of cheating or plagiarism may result in a zero grade for Chemistry 2273a and the individual will be reported to the Chair and the Dean who may administer further sanctions.

Plagiarism is a major academic offence: see Scholastic Offence Policy in the Western Academic Calendar.

Students must write their laboratory reports, quizzes and tests on their own and in their own words and without collaboration unless explicitly allowed by the Instructor. Whenever students take an idea, or a passage from another author or student, they must acknowledge their debt both by using quotation marks where appropriate and by proper referencing such as footnotes or citations.

Whenever possible, tests and exams may be checked with software that checks for unusual coincidences in answer patterns that may indicate cheating.

8) Attendance: Students are expected to attend course lectures and participation in the class is considered to be an integral and essential component of the course. Poor attendance can result in a student being barred from writing the exam following procedures provided in the academic calendar:

http://www.westerncalendar.uwo.ca/2011/pg129.html#

A complete listing of your Academic rights and responsibilities may be found on the Registrar’s and associated websites, starting at:

http://www.westerncalendar.uwo.ca/2011/pg111.html#