Organic Lecture I (CHE 232) Spring 2011

Time: Tue, Thurs  4:30–5:45 pm  
Location: DA 335  
Instructor: Prof. Naphtali O'Connor  
Office Hours: Tue 2-3 pm (DA 304)
Contact Info: naphtali.oconnor@lehman.cuny.edu

Required Material: *(Text books are on reserve at the library*)
   OR
   OR

Suggested Material:
- **Lecture Notes**, will be done accompanying Microsoft powerpoint presentations. These lecture presentations will be made available online via the Blackboard system.
- **Library**: The textbook and solutions manual are on reserve at the library. Also the following organic chemistry problem books are available at the library reserve desk:  
  Organic Chemistry 1 Workbook for Dummies Call # Reserve QD257 .W569 2005  
  3000 Solved Problems in Organic Chemistry Call # Reserve QD257 .M43 1994
- **Molecular Models**  
  Chapter 7 will emphasize 3-dimensional aspects of organic molecules. To help you visualize stereochemical concepts, we recommend that you purchase Molecular Model Kit. You will be permitted to bring the model sets to the exams and the final. An inexpensive set can be found at [www.darlingmodels.com](http://www.darlingmodels.com)

Course Objectives
Individuals who successfully complete this course will be able to:
- Define and employ the vocabulary of organic chemistry.
- Draw correct structural representations of organic molecules.
- Write reasonable transformations and mechanisms for alkanes, alkenes, alkynes, alkyl halides, alcohols, aromatic compounds.
- Employ stereochemical considerations when analyzing mechanisms and transformations.
- Obtain a grasp of the role organic chemistry plays in life and society.

Where you can go for help: **Science Learning Center** (Gillet Hall, 133)
- Mon-Thurs: 9 - 7 pm, walk-in
- Fri.: 10 - 2 pm, by appointment
- Sat.: 10 - 2 pm, walk-in

Class Conduct
Disruptive behavior (eg. Mp3 players, use of cell phones) are not permitted. Place your cellphones in **silent mode** during class.

Exams
Two one-hour midterm exams, will take place throughout the term. The final exam is a cumulative exam. The two one-hour exams will count **towards 60%** of your final grade and the final exam will count **towards 40%** of your final grade.
If you require extra time for written exams because of a disability, please secure a note as soon as possible.

**NO MAKE-UP EXAMS** will be given for missed exams. If an acceptable extenuating circumstance causes you to miss a midterm exam, the final will take the place of the missed exam and be worth 70% of your grade.

Students will be given seating assignments for their examinations and electronic devices (eg. Cell phones, mp3 players, calculators etc.) are **NOT** allowed.

**Regrade Policy**
- Pencil written exams will **not** be regraded.
- Students have until one week after the exam has been returned to request a regrade.
- Arithmetic errors in adding up points will be corrected immediately. Any other regrade request will cause the entire exam to be regraded; therefore, your overall score may increase or decrease.
- Late requests for re-grades will not be accepted.

**Academic Policies**
School policy towards, grades, withdrawals and incompletes can be found in the undergraduate bulletin. To summarize:
1. “The grade of W, withdrawal without penalty, is awarded only when it is clear that a student has a good and sufficient reason for withdrawing from a course and is doing so at a time when he or she is doing passing work in the course.”
2. “The INC grade covers any failure to complete all requirements for a course, such as submitting a paper or taking a final examination. For an instructor to grant an INC, the student must have met the instructor’s attendance requirements in the course and have a passing semester average.”
3. The grading system consists of A through F.

**Academic Integrity**
For the college’s policy towards academic integrity see the Lehman Undergraduate Bulletin. Students found cheating will be brought on charges of academic dishonesty which can result in a F in the course and even suspension or expulsion from the college.
[http://www.lehman.edu/undergraduate-bulletin/academicintegrity.htm](http://www.lehman.edu/undergraduate-bulletin/academicintegrity.htm)

**Important Dates**
- Last day to drop classes for SPRING 2011: February 17th
- Last day to withdraw from SPRING 2011 classes with a grade of “W” : April 11th
- Spring Recess: April 17th-26th
- Last day of SPRING 2011 classes: May 18th

**Exam Dates**
- **Midterm Exam 1**: March 3rd
- **Midterm Exam 2**: April 14th
- **Final Exam**: May 24th 4-6pm

**Course Schedule**

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<th>Reading (7th and 8th edition)</th>
<th>Suggested Problems (7th edition)</th>
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<tr>
<td>Structure and Property Chp 1</td>
<td>1.40, 1.42, 1.44, 1.46, 1.52, 1.61, 1.63, 1.70</td>
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<tr>
<td>1.1-1.14, 1.15-1.17</td>
<td>(some of this material covered in general chem and will not be covered in lecture)</td>
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<tr>
<td>Topic</td>
<td>Sections</td>
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<tr>
<td>Alkanes and Cycloalkanes Chp 2</td>
<td>2.20, 2.21, 2.22, 2.27, 2.28, 2.36, 2.44, 2.45</td>
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<td>Alkanes and Cycloalkanes Chp 3</td>
<td>3.18, 3.20, 3.22, 3.23, 3.26, 3.30</td>
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<td>Stereochemistry Chp 7</td>
<td>7.28, 7.30, 7.33</td>
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<td>Alcohols and Alkyl Halides Chp 4</td>
<td>4.21, 4.22, 4.34, 4.35, 4.37, 4.38</td>
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<td>Nucleophilic Substitution Chp 8</td>
<td>8.21, 8.24, 8.25, 8.30, 8.31, 8.32, 8.33, 8.34, 8.36, 8.37</td>
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<tr>
<td>Alkenes: Elimination Rxns Chp 5</td>
<td>5.25, 5.29, 5.30, 5.32, 5.33, 5.35, 5.39</td>
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<td>Alkenes: Addition Rxns Chp 6</td>
<td>6.26, 6.32, 6.34, 6.37, 6.40, 6.42</td>
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<td>Final Exam</td>
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