Organic Lecture I (CHE 232) Spring 2015

Time: Mon, Wed 4:30–5:45 pm  
Location: DA 337
Instructor: Prof. Naphtali O'Connor  
Office Hours: Mon 1:30-2:30 pm (DA 326)
Contact Info: naphtali.oconnor@lehman.cuny.edu

Required Material:

Includes:

- Online Quizes
- **Optional Loose Leaf of Textbook ($40)**

Suggested Material:

- **Lecture Notes**, will be done accompanying Microsoft powerpoint presentations. These lecture presentations will be made available online via the Blackboard system. Lecture notes will be available after lectures.

- **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)

- **Online Instructional Videos**: links to online instructional videos from sources such as Khan Academy are available on Blackboard (Click on YouTube Lectures and browse by chapter and topic).

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 and Quizzes
- Two one-hour midterm exams, will take place throughout the term. The final exam is a cumulative exam. The 2 one-hour exams will count **towards 50%** of your final grade and the final exam will count **towards 35%** of your final grade.
- Online quizzes from the ConnectPlus site count **towards 15%** of your 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 **60%** of your grade.

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

**How to calculate your grade:** $0.50 \cdot (\text{Exam1} + \text{Exam2}) + 0.15 \cdot \text{Quiz} + 0.35 \cdot \text{Final}$

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 regrades 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 (25% refund)**
  - without a grade of “W” : February 17
- **Last day to withdraw from SPRING 2015 classes with a grade of “W”**
  - April 16
- Lincoln’s Birthday, college closed
  - Thursday February 12
- President’s Day, college closed
  - Monday February 16
- Classes follow a Monday Schedule
  - Thursday February 18
- Spring Recess
  - April 3 - April 11
- **Last day of SPRING 2015 classes**
  - May 16
Exam Dates

Midterm Exam 1  Monday, March 2nd
Midterm Exam 2  March 20th
Final Exam  May 18  3:45-5:45pm

Course Schedule

Reading (7th and 8th edition)

Structure and Property Chp 1
1.3-1.8, 1.10-1.16
*(some of this material covered in general chem and will not be covered in lecture)*

Alkanes and Cycloalkanes Chp 2
2.1-2.21

Alkanes and Cycloalkanes Chp 3
3.1-3.13

Stereochemistry Chp 7
7.1-7.8, 7.10-7.13

Alcohols and Alkyl Halides Chp 4
4.1-4.12

Nucleophilic Substitution Chp 8
8.1-8.12

Alkenes: Elimination Rxns Chp 5
5.2-5.15

Alkenes: Addition Rxns Chp 6
6.1-6.12

Alkynes Chp 9
9.4-9.14

Conjugation Chp 10
10.1-10.8, 10.10, 10.12-10.13