

General Information
Chemistry 273
Fall 2014-002

Course description

- Structure, properties, nomenclature and reactions of organic compounds, with a special emphasis on applications to biological molecules
- This section is limited to 20 students and will require students to use an ebook and technology in the classroom.

Prerequisites

- A grade of C or higher in Chemistry 272 (or an equivalent course)

Instructor

- Janice G. Smith, Ph.D.
- E-mail: jgsmith@hawaii.edu
- Office 241B Bilger Hall
- Phone extension 68381

Office hours

- Monday 11:30–1:30 and Wednesday 11:30–1:30, *or*
- Make an appointment by email or in person

Classes

- MWF, 8:30–9:20 am, Bilger 341C
- Optional discussion, Friday 12:30–1:20, Bilger 341C

Text

- Smith, *Organic Chemistry*, 4th Edition (ebook)
- Smith and Berk, *Student Study Guide/Solutions Manual to Accompany Organic Chemistry*, 4th Edition (ebook)
- You must purchase these texts online for \$99.00 by going to www.mcgrawhillcreate.com/shop. The ISBN for your purchase is 9781121947955. This gives you the text and Connect Plus (student registration code), which includes the *Organic Chemistry* 4E ebook and all the additional online study materials. You can view the book online. An access code for the *Student Study Guide/Solutions Manual* will be distributed in class.

iPad

- To provide easy access to your ebook and other electronic resources, students in this section who do not already have an iPad will each be loaned an iPad for the semester. iPads will be distributed in class.

Exams

- Wednesday, February 12
- Wednesday, March 12
- Monday, April 21
- Final exam: Friday, May 16, 7:30–9:30 am

Course material

- We will follow the chapters of the book in order, beginning with Chapter 16.

Grading

- Your grade will be determined by your performance on the three exams, the cumulative final, and completion of LearnSmart modules and eHomework. The three exams will count equally (100 points each) and the final is worth twice as much as an exam (200 points). The electronic work will count as much as one exam (100 points). Your lowest 100 points will be dropped (one exam grade, the grade on the electronic work, or half the final). **No make-up exams will be given for any reason.**

Homework

- You will receive an assignment sheet at the beginning of each chapter, posted on Laulima. The assignment sheet will list relevant reading for the chapter and suggested problems in the text. The solutions for all of these problems can be found in the *Solutions Manual*. Problems from the text are not graded, but it is absolutely essential that you work all the assigned problems to understand the material.
- In addition, a LearnSmart module will be assigned during each chapter, and eHomework will be given at the end of each chapter. Completion of LearnSmart modules and performance on eHomework will count towards your final grade. Dates for the completion of each module and quiz are found on the Connect website. Your course information is found at http://connect.mcgraw-hill.com/class/j_smith_section_002

Reserve materials

- Smith, *Organic Chemistry*, 4th Edition
- Smith and Berk, *Student Study Guide/Solutions Manual to Accompany Organic Chemistry*, 4th Edition

Models

- A model set will aid you in understanding the three-dimensional structure of molecules. Model kits are on sale at the Campus Store.

Tutors

- Organic chemistry tutors will staff the Learning Emporium (Bilger Addition 209) from 9 AM to about 5 PM most days. To view the schedule go to <http://manoa.hawaii.edu/chem/>, click on the Undergraduate Program tab, and then click on "Chemistry Tutorial Room Schedule" at the bottom left. Scroll down to the organic chemistry listings.

Web access

- Lecture outlines, lecture notes, exams, sample exams, handouts, and assignments will be posted on Laulima (<https://laulima.hawaii.edu>). If you are a registered student in the class and do not have Chem 273 listed as one of your courses when you go to Laulima, follow the instructions on Laulima for adding Chem 273.

Lecture notes

- A PDF containing a detailed outline of each lecture will be available on Laulima *before* lecture. You are encouraged to print out the outlines and use them for note taking during class. After each lecture, a PDF of the complete lecture will be posted on Laulima. This will allow you to listen to lecture without having to worry about getting all the words down. **Please do not use the electronic versions of lectures as a substitute for coming to class.**