

Organic Chemistry I

Course Ref. No. 80278
MTWRF 8:00 - 10:20 am
Cramer Hall, Room 53

Professor Carl C. Wamser
Office: Science Bldg 1, Room 327A
Office Hours: Mon - Fri 10:30 - 11:30 am

Textbook (required): *Organic Chemistry*, 7th ed., by F. A. Carey, with the Student Solutions Manual and CD. Optional in the PSU Bookstore are four different kinds of molecular model kits.

Online Resources: Most of the elements of this course will be accessible through the home page at <http://chem.pdx.edu/~wamserc/C334sum09/>. In addition, some aspects of the course will use Blackboard or ARIS (also accessible from the course home page). The Chemistry Commons (SB1-221) has internet connections and is staffed with chemistry graduate students who serve as tutors.

E-Mail: Blackboard has a Discussion List feature that will allow students to post messages. You may use this like open office hours to communicate with me, or use it to communicate general information to other class members. I can also be reached through my personal e-mail address (wamserc@pdx.edu).

Class Schedule: During the first term, we will cover Chapters 1 - 9 from the text, following the schedule on the back. You should read the chapter in the text before it is covered in lecture.

Homework: Sample assignments are available for each chapter (see the fall 2008 CH 334 website). **Online homework** for all nine chapters (5 points each) will be done using the ARIS program that is coordinated with your textbook. Log in through the class web page.

Quizzes: For each chapter (except Chapter 9), there will be a 10-minute (10 point) quiz given at the beginning of a class, with some time allowed for going over any questions before the quiz. Quiz points are on the same scale as exam points. The lowest score of the eight quizzes will be dropped. There will be no make-up quizzes.

Exams: There will be two midterm exams, worth 100 points each, and a final exam, worth 200 points, given in class as indicated on the schedule. Missing an exam will require a written medical excuse, in which case an appropriate fraction of the final exam score will replace the missed exam. There will be no make-up exams.

Grading: The final course grade will be determined by total points accumulated. The maximum is 515, based on the sum of exams (400) plus quizzes (70) plus homework (45), as outlined above. Over the years, I have found that letter grades nearly always fall into the following distributions:

A/B borderline (85%), B/C (70%), C/D (55%), to pass the course (over 40%).

Laboratories: The corresponding lab for this course is CH 337, which starts on the first day of the term (Monday afternoon, June 22).

How to Succeed in This Course: 1) Clarify for yourself what you want/need to get out of this course, 2) participate actively in all course activities, 3) practice solving problems and developing appropriate skills, 4) use the technology and other learning resources that are made available, 5) reflect on what does and doesn't work for you in learning this material, and ask for help. These themes are elaborated in the "Day One" lecture on goals and expectations.

Miscellaneous: University policy will be strictly followed with respect to course withdrawal, academic honesty, and related subjects. Please ask the instructor or consult the latest PSU Bulletin if you have any questions.

Class Schedule

<u>Date</u>		<u>Classwork</u>
M, 6/22		Ch 1 - Bonding and Structure
T, 6/23		Ch 1, Ch 2 - Alkanes and Cycloalkanes
W, 6/24	Quiz 1	Ch 2
R, 6/25		Ch 3 - Conformational Analysis
F, 6/26	Quiz 2	Ch 3, Ch 4 - Alcohols and Alkyl Halides
M, 6/29	Quiz 3	Ch 4
T, 6/30	Quiz 4	Ch 5 - Alkene Structure and Preparations
W, 7/1	EXAM 1	Ch 5
R, 7/2		Ch 6 - Alkene Reactions
F, 7/3	<i>Holiday</i>	
M, 7/6	Quiz 5	Ch 6, Ch 7 - Stereochemistry
T, 7/7	Quiz 6	Ch 7, Ch 8 - Nucleophilic Substitution / Elimination
W, 7/8	Quiz 7	Ch 8
R, 7/9	Quiz 8	Ch 9 - Alkynes
F, 7/10	EXAM 2	Ch 9
M, 7/13	FINAL EXAM	

Quizzes are given at the beginning of the class period, covering the chapter indicated.

Exams are given at the beginning of the class period indicated.

EXAM 1: Chapters 1 - 4, Wednesday, July 1, 8:00 - 9:05 am

EXAM 2: Chapters 5 - 8, Friday, July 10, 8:00 - 9:05 am

FINAL EXAM: Chapters 1 - 9, Monday, July 13, 8:00 - 10:20 am

Chem 335 starts up immediately - 8:00 am on Tuesday, July 14 (same room)