

## CH 334 –Organic Chemistry I Fall 2008

**Instructor** Dr. Mingdi Yan, Office: 224B SB1, tel: 503-725-5756, [yanm@pdx.edu](mailto:yanm@pdx.edu), office hours: MF 10:15-11:30 am or by appointment. Please do not e-mail me homework or test questions. Come to my office hours or make an appointment.

**Course Homepage** <http://www.chem.pdx.edu/~yanm/334.html>. Tests, answer keys, announcements, etc. will be posted on this website.

**Class Meetings** MWF 9:00-10:05 am, *107 SB1*.

**Textbook** Organic Chemistry, 7<sup>th</sup> Ed, by Carey (required). The package sold in PSU bookstore includes the Student Solutions Manual and the ARIS program. Molecular models are optional and are available in the PSU bookstore.

**Laboratory** The lab for this course is CH337. It will be offered again in Winter 2009 but you are strongly recommended to take the lab this term since there may not be sufficient space in the Winter term. Experiments start on the first day of the lab meeting. Be prepared to bring the lab manual, a notebook and safety goggles.

### Course Organization

Exam 1	Monday, Oct. 20	10%
Exam 2	Wednesday, Nov. 12	20%
Exam 3	Friday, Dec. 5	20%
Final Exam	Tuesday, Dec. 18, 8:00-9:50 am	40%
Chapter Tests	See ARIS website for due dates	10%

- There will be three mid-term exams and a final. If you cannot take the one-hour exam due to medical or family emergencies, inform the instructor in advance and provide a written explanation. In this case, the final exam score will be used in proportion. The final exam cannot be replaced. There will be no make-up exams.
- The lowest score of the three mid-term exams will be automatically assigned 10%, and the other two will account for 20% each.
- Chapter Tests are posted on the ARIS website one week before the chapter is taught in class. Make sure you take each test before the closing date. You need 50% correct answers to get the full credits. The ARIS URL:  
<http://highered.mcgraw-hill.com/classware/infoCenter.do?isbn=0073047872>  
The instruction on how to register and signup can be downloaded from the course website.

### Grading

A: 85-100 %	B: 84-70 %	C: 55-70 %
D: 40-55 %	F: < 40 %	

## Schedule

We will cover 9 chapters in the sequence presented in the textbook. The following is an approximate schedule each chapter will be taught in class.

<b>Dates</b>	<b>Course Contents</b>
9/29, 10/1, 10/3	Chapter 1. Bonding and Structure
10/6, 10/8	Chapter 2. Alkanes and Cycloalkanes
10/10, 10/13, 10/15	Chapter 3. Conformational Analysis
10/17	Review for Test 1
<b>10/20, Monday</b>	<b>Test 1, covers Chapters 1, 2, 3</b>
10/22, 10/24, 10/27	Chapter 4. Alcohols and Alkyl Halides
10/29, 10/31, 11/3	Chapter 5. Alkene Structure and Preparation
11/5, 11/7, 11/10	Chapter 6. Alkene Reactions
<b>11/12, Wednesday</b>	<b>Test 2, covers Chapters 4, 5, 6</b>
11/14, 11/17, 11/19	Chapter 7. Stereochemistry
11/21, 11/24, 11/26	Chapter 8. Nucleophilic Substitution
11/28	<b>Thanksgiving holiday, no class</b>
12/1, 12/3	Chapter 9. Alkynes
<b>12/5, Friday</b>	<b>Test 3, covers Chapters 7, 8, 9</b>
<b>12/9, Tuesday</b>	<b>Final Exam, covers Chapters 1-9</b>

## Miscellaneous

- Starting Fall 2008, CH 331 & 332, Elements of Organic Chemistry I, II, will be offered in the summers only.
- For withdrawal deadlines, see PSU Bulletin. The university policies on academic honesty will be strictly followed.