

## Course Information for Chemistry 335, Summer, 2009

Dr. Raymond R. Bard                      Lecture: M-F 8:00-10:20 am (CH053)  
Office: 366 in Science Building II  
Office Hours: MTWRF 10:45-12:30

**Textbook:** The text "Organic Chemistry" 7th Ed. by Francis Carey, the accompanying study guide, and a molecular model kit are all needed for the course.

**Class Schedule:** (see the reverse side) We will cover Chapters 10-18; the lectures will correspond approximately to the chapter designations in the schedule. You should read the assigned chapters before the corresponding lecture! Due to the laboratory schedule during the summer, we will start with Chapter 13-Spectroscopy.

**Homework assignments:** Homework assignments will be made from the problems presented at the end of each chapter in the text. The Study Guide gives complete solutions and special assistance. These problems are open for discussion in class as indicated on the schedule. Although I do not collect and grade the homework, I urge you to treat the assignments as a very important part of the course. First try to work them without reference to the Study Guide; then use the Study Guide to check your work or to pull yourself out of a bog. **Do not** go immediately to the Study Guide, look over the answers to the problems, nod your head wisely, and say "That makes sense to me" and assume that you have worked the problems. **Working the problems yourself is the only way to learn organic chemistry. Write down your answers.** As you read the text you should work some of the problems incorporated into the chapters.

**Quizzes:** There will be **9** graded quizzes. A quiz will be handed out at 9:00 and you will have ten minutes to complete the quiz. We will resume class at 9:20. Each quiz will be worth 15 points. The lowest score will be dropped and the remaining scores will count towards the point total. Maximum points is 120.

**Exams:** We will have three in-class exams, worth 120 points each, and a cumulative exam, worth 240 points, given in class according to the schedule. **There will be no excuse for missing an exam.** There will be no make-up exams. Exams will start at 8:00 and go to 9:10. Lecture will go from 9:20 to 10:20 on exam days. If you come late you can take the exam but you will be stopped at 9:10. Come early on exam days so that we can have exams handed out by 8:00 so you may have a full 70 minutes. Once the exam has started you cannot leave. If you need to leave, then hand-in the exam and your time has expired. (Go to the rest room before the class, bring your own tissues, etc.).

**Grading:** The final course grade will be determined from the points accumulated from the possible total of 720:

Quiz Total - 120 points

Lowest In-class exam - 60 points

Second Lowest In-class exam 180 points

Highest In-class exam - 120 points

Cumulative Exam - 240 points

The following grade ranges will be followed: 720-633 A; 632-547 B; 546-432 C; 431-360D; 359-0 F.

## **A VALID PHOTO I. D. MUST BE PRESENTED WHEN TAKING THE EXAMS.**

**Course strategy for the student:** Learning organic chemistry in a summer school course is an intensive and exhausting process. Survival requires your strong commitment to keeping up with the course material: read the text and work homework problems every day. Having fun and learning to think like an organic chemist requires our being awake enough at 8:00 am to share participatory lectures with specific questions and a willingness to share your ideas and mistakes with your classmates. Solving three-dimensional problems on two-dimensional paper--a vital part of this study--requires your frequent use of a molecular model kit in solving homework problems. Convincing me in writing that you do understand some aspect of organic chemistry almost surely requires your having practiced such communication with a classmate or two: after you have learned the material on your own, work in small groups to share what you have learned.

### **CLASS SCHEDULE FOR CHEMISTRY 335, SUMMER, 2007**

#### DATE

Tue	Jul	14	CH 13
Wed	Jul	15	CH 13
Thr	Jul	16	CH 13 and CH 10: Quiz-1
Fri	Jul	17	CH 10: Quiz-2
Mon	Jul	20	<b>EXAM I</b> and CH 11
Tue	Jul	21	CH 11 & CH 12: Quiz-3
Wed	Jul	22	CH 12: Quiz-4
Thr	Jul	23	CH 12 & CH 14: Quiz-5
Fri	Jul	24	<b>EXAM II</b> and CH 14
Mon	Jul	27	CH 15: Quiz-6
Tue	Jul	28	CH 16: Quiz-7
Wed	Jul	29	CH 17: Quiz-8
Thr	Jul	30	CH 17: Quiz-9

Fri Jul 31 **EXAM III** and CH 18  
Mon Aug 3 CH 18  
Tue Aug 4 **CUMULATIVE EXAM**

EXAM I = Chapter 13  
EXAM II = Chapters 10,11,12  
EXAM II = Chapters 14,15,16,17  
Cumulative = Chapters 10-18

Homework CHM 335 Summer 2009

CH 13: 28,30,33,34,40,41,42,43,46.

CH 10: 21,22,24,25,26,27,28,30,33,34,36,45,46.

CH 11: 31,32,33,36,40,41,44,48,50,51.

CH 12: 24,25,26,28,29,34,35,38.

CH 14: 17,19,20,21,22,26,27,33,35,38.

CH15: 18,19,23,24,26,29,30,37,45,48.

CH 16: 21,23,25,29,33,36,42.

CH17: 23,24,25,27,28,29,30,34,35,38,39,46,47,48.

CH18: 23,25,27,28,29,31,33,35,37,39,41,42.