

**Chemistry 3231**  
**Organic Chemistry II**  
**Fall 1999**

Prof. Christian Rojas

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**LECTURE TIMES:** Mon., Wed., Fri. 10:00 10:50 am  
**RECITATION:** Tue. 12:00 12:50 pm

**TEXT/MATERIALS:**

Required:

1. Jones, Maitland, Jr. *Organic Chemistry*, W.W. Norton, 1997.
2. Molecular models are a MUST. Two sets are in the CU bookstore: (a) Darling Models (green box), (b) Prentice-Hall framework models (yellow box).

Optional

1. Jones and Gingrich, *Organic Chemistry Study Guide*
2. CD-ROM to accompany the Jones text

Note: If you are purchasing the textbook this fall, it may be available as the new (2nd) edition and may come bundled with the CD-ROM. Either the 1997 edition or the new edition will be fine for this course.

**RESERVE MATERIALS:** These are available at the Reserves Desk in Lehman Library.

1. Jones, Maitland, Jr. *Organic Chemistry*
2. Jones and Gingrich *Organic Chemistry Solutions Manual*
3. Carey, F.A. *Organic Chemistry*
4. Carey and Atkins *Organic Chemistry Solutions Manual*
5. Solomons, T.W.G. *Organic Chemistry*
6. Solomons, T.W.G. *Organic Chemistry Solutions Manual*
7. Weeks, D.P. *Pushing Electrons*
8. Levi, Primo *The Periodic Table*
9. Woodward, R.B. *Art and Science in the Synthesis of Organic Compounds: Retrospect and Prospect*
10. *On Being a Scientist*, National Academy Press, Washington, D.C., 1989
11. Reserves Folder will contain answers to problem sets, exam answer keys, and other miscellaneous materials

Note: It is anticipated that the Reserves Folder will be superseded by postings to the course web page as the semester progresses.

**WEB-BASED MATERIALS:**

All Reserves Folder materials, including the syllabus, problem sets, problem set solutions, and exam solutions, will be available via the course website. The website will eventually replace the library Reserves Folder as the repository for copies of

class handouts and solution sets, so please become comfortable with downloading course materials.

The course website also includes a bulletin board feature, allowing students to cooperate electronically in problem solving. The instructor will use the bulletin board to reiterate class announcements and for immediate posting of late-breaking course news. Students may also communicate directly with the instructor via e-mail.

### **EXAMS AND GRADING:**

There will be **three 50 minute exams**, given during regularly scheduled class time on the following dates:

Wednesday, September 29  
Monday, October 25  
Monday, November 22

The **final exam** is scheduled for

Wednesday, December 22, 9:00 12:00

Course grades will be based on the three exams (20% each) and the final (40%).

All three exam grades will count toward your final grade. There will be no dropped grade. Check your calendars **now** against this exam schedule in order to avoid any conflicts. **The size of this class absolutely precludes rescheduling of examinations because of conflicts with other exams, work in any other class, or travel plans.**

I will permit make-up exams only in the absolute direst of circumstances. You are entitled to a make-up examination only for one of three reasons: (1) a **serious illness** requiring a visit to the health service or bed rest, (2) a **pressing personal or family emergency**, or (3) a conflict with a **religious observance, made known to me in advance.**

If you are unable for one of these reasons to take an exam, you must contact me in advance if at all possible and in all cases within 48 hours of the scheduled exam time to schedule a make-up. If you do not take an exam and I do not hear from you, I will assume that you have withdrawn from the course and drop you from the roster.

### **OFFICE HOURS:**

Monday	3:30	4:30
Tuesday	5	6
Wednesday	2	3
Thursday	9	10
Friday	11:30	12:30

Office hours are usually well attended. If you have concerns that you would like to discuss with me individually, please e-mail or call and we will try to arrange an appointment at a mutually convenient time.

## **TUESDAY RECITATIONS:**

The Tuesday recitations will be oriented mainly toward problem solving. The problems we address will often involve new chemistry or interesting twists on already familiar reactions. You will be responsible for this material and need to come to the Tuesday sessions; they are an integral part of this organic chemistry course.

## **PROBLEM SETS:**

A problem set will be distributed each Tuesday. The problems will involve material discussed in lectures and will also lead you to think about new aspects of organic chemical reactivity. You are responsible for mastering the material presented in the problem sets. **The best way to prepare for the exams is to carefully work through the problem sets.** Answers to each problem set will be posted in the reserves after one week.