

## Chemistry 61 Syllabus

Fall, 2006

Instructor: Mr. Benjamin Shapiro

**Course:** CO61, Introduction to Chemistry

**Office:** Dixon Hall

**E-Mail:** Benshap1@aol.com

**Office Hours:** By appointment. Request appointments by E-mail, please.

**Lecture Time:** Tuesday 7:00 PM

**Communication:** E-Mail is the preferred method of communication. Only messages at [Benshap1@aol.com](mailto:Benshap1@aol.com) can be read and answered. Every effort to respond within 24 hours will be made. Due to the volume of E-Mails, messages sent to other accounts cannot be read or answered.

**Prerequisite:** Interest in science based careers

### Disability Needs:

Any student who has a need for accommodation based on the impact of a disability should contact Disability Resources and Services at 215-204-1280 in Ritter Annex. Personnel there will coordinate reasonable accommodations for documented disabilities. Please do this ASAP, so that your instructors can be prepared.

**Textbook:** Introduction to General, Organic and Biochemistry (8E) by Bettelheim, Brown and March  
Published by Thompson, Brooks/Cole

This book and the Student Solutions Manual are available at the campus bookstore. Taking this course without the book is associated with poor results.

Each student will also need to purchase an IClicker, which is our tool for the "Personal Response System" that will be used in the lectures. This is available only at SAC, not through the internet.

**Course Goals and Outcomes:** This course, which will meet prerequisites for certain professional schools, is designed to prepare the student for further study for a career in health care. Be sure that this course meets your needs. Check with Advising in the Dean's office if you are not absolutely sure.

**Drop, Add and Withdrawal:** These matters are handled entirely by the Student Advising Office of your college. Instructor approval is no longer needed. See the Student handbook for 2006-2007. See also <http://policies.temple.edu/>.

**Attendance:** Full attendance is expected and required. Poor attendance is uniformly associated with unsatisfactory results.

**Grading:** Grades will be based on a possible 1000 points according to the following schedule:

Quizzes	200
First Midterm Exam	200
Second Midterm Exam	200
Final Exam	400

The Grade scale is:

800-1000	A- to A
700-799	B- to B+
600 to 699	C- to C+
500 to 599	D- to D+
< 500	F

**THERE ARE NO MAKE UP QUIZZES OR EXAMS.** Students scoring less than 500 total points cannot expect to pass this course.

**Courtesies:** Leave your cell phone off in the class room. We have found no demonstrated need for it. The use of laptops and recording devices are permitted except during testing.

**Recitation:** Recitation is a time when you may ask questions and practice problem solving. Attendance is expected and required. Full participation in the problem solving exercises is strongly associated with success. Quizzes will be given in lecture at times to be announced. Six quizzes will be given, the lowest quiz to be dropped from grading.

The course schedule is given on the next page of this syllabus. The test dates are firm, but adjustments to the lecture topics may occur. The schedule will be updated in Blackboard as needed.

Week #	Date	Chapter	Title
1	August 28	1 2	Matter, Energy and Measurement Atoms
2	September 5	4	Chemical Bonds
	September 11	<b>Last Drop Day</b>	
3	September 12	5 5	Chemical Reactions
4	September 19	<b>Midterm 1</b> 6	Gases, Liquids and Solids
5	September 26	6 7	Solutions and Colloids
6	October 3	8 8	Reaction Rates and Chemical Equilibria
7	October 10	9 9	Acids and bases
8	October 17	10 11	Organic Chemistry Intro Alkanes
9	October 24	11 12	Alkenes
	October 30	<b>Last Withdrawal Day</b>	
10	October 31	12 <b>Midterm 2</b>	Alkenes
11	November 7	13 14	Benzene and its Derivatives Alcohols Ethers Thiols
12	November 14	14 15	Alcohols, Ethers and Thiols Chirality
13	November 21	15	Chirality
14	November 28	16 16	Amines
15	December 5	<b>Last Class</b>	Reprise
	Week of Dec 11	<b>Final Exams</b>	To be Scheduled