

Chemistry 61 Syllabus

Fall, 2006

Instructor: Dr. Michael L. Wilson

Course: CO61, Introduction to Chemistry

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

Lecture Time: Tuesday and Thursday from 8:40 am to 10:00 am.

Communication: E-Mail is the preferred method of communication. Only messages placed in GOBchem@temple.edu 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. No assurance of response to phone messages is given.

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 in SAC. 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. Calculators and other aids will not be needed and will not be allowed in the hall during testing.

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. Specific problems from the book will be assigned and the solutions will be handed in at recitation for instructor review. 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	29-Aug	1	Matter, Energy and Measurement Atoms
	3-Aug	2	
2	5-Sep	4	Chemical Bonds
	7-Aug	4	
	11-Sep	Last Drop Day	
3	12-Sep	5	Chemical Reactions
	14-Sep	5	
4	19-Sep	Midterm 1	
	21-Sep	6	Gases, Liquids and Solids
5	26-Sep	6	Solutions and Colloids
	28-Sep	7	
6	3-Oct	8	Reaction Rates and Chemical Equilibria
	5-Oct	8	
7	10-Oct	9	Acids and bases
	12-Oct	9	
8	17-Oct	10	Organic Chemistry Intro Alkanes
	19-Oct	11	
9	24-Oct	11	Alkenes
	26-Oct	12	
	30-Oct	Last Withdrawal Day	
10	2-Nov	12	Alkenes
	4-Nov	Midterm 2	
11	7-Nov	13	Benzene and its Derivatives Alcohols Ethers Thiols
	9-Nov	14	
12	14-Nov	14	Alcohols, Ethers and Thiols Chirality
	16-Nov	15	
13	22-Nov	15	Chirality
14	28-Nov	16	Amines
	30-Nov	16	
15	5-Dec	Last Class	
	Weel of Dec 11	Final Exams	
			To be Scheduled