

Chemistry 40 *Introduction to Chemical Principles*

Spring 2009

Chemistry 40 is an introductory study of the fundamental laws and concepts of classical and modern chemistry, including quantitative reasoning and problem solving, nomenclature, stoichiometry, atomic and molecular structure, gases, solution chemistry and acid-base chemistry. Chemistry 40 is designed as a preparatory course for Chemistry 101A or 103A.

Instructor Torrey Glenn
Office: S-250
Office Hours: Mon/Wed. 1:30 – 2:00 PM in my office, Science 250;
Mon. 2:30 – 3:30 PM in Learning Assistance Center (Library 207);
Hours TBA, MESA/STEM Center (Bungalow 201);
or by appointment (just let me know and we can find a time)
Phone: 415.239.3893 (email is better)
Email: tglenn@ccsf.edu
Website: <http://www.ccsf.edu/chemistry/glenn/>

Schedule Lecture T 6:10-9:00 PM, S-255
Lab/Conference Th 6:10-10:00 PM, S-212
Final Exam Tuesday, May 19, 6 - 9 PM, Rm S-255

Prereq Math 840 or ET108B or placement in Math 860 or higher

Materials Zumdahl, S. *Basic Chemistry*, 6th Ed; Houghton-Mifflin, 2008.
CCSF Chemistry 40 Laboratory Manual
Scientific calculator – non-programmable
Mini stapler
Safety Glasses (*see lab handout for more info*)
Bound Laboratory Notebook (*see lab handout for more info*)

Assignments and Assessment

Problem Sets are assigned each Tuesday. Work will be checked for satisfactory progress each Thursday (1/3 to 1/2 complete) and checked for completeness the following Tuesday.

Group Activities play an important role throughout the term. *See the “Group Activities” handout for more information.*

Quizzes will be given throughout the semester. Tentative quiz dates are listed on the class schedule. *No makeup quizzes are available.*

Lab work will be evaluated through pre-lab, in-lab and post-lab student work. Lab work includes maintaining a laboratory notebook (pre-lab and in-lab work) and preparing post-lab reports. See the lab syllabus for more information. *No makeup labs are available.*

Exams include three mid-term exams and a comprehensive final exam. **The final exam is scheduled for Tuesday, May 19, 6-9 PM, Rm S-255.** *No makeup exams are available.*

Policy on missed Quizzes/Exams: No make-up quizzes or exams are given, not under any circumstances. You are allowed to miss one quiz without penalty. Your average on the other quizzes and the class average on the quiz you missed will be used to calculate a "dummy score". (This ensures that a student who happens to miss a particularly difficult quiz doesn't get a break.) If you absolutely must miss an exam, you must notify me *before* the exam. Your performance on the relevant material on the final exam will then be used to create a make-up score. (This procedure generally lowers your overall grade and should be avoided if at all possible.)

Grading

Your cumulative grade will be based on points earned throughout the semester and determined by the following percent distribution and tentative grading scale:

Point Percent Distribution		Tentative Grade Scale	
Homework	4%	A	90-100%
Group Activities	4%	B	78-89%
Quizzes	15%	C	65-77%
Exams	30%	D	50-64%
Final Exam	25%	F	<50%
Lab	22%		

The tentative grade scale may be lowered if appropriate; it will not be raised. The grading in this course is *not* on a curve. Cooperation and working together is encouraged (your grade is independent of your classmates' grades).

Grade updates will be provided after each exam (of course, you can calculate your grade yourself at any time, ask me if you need help). Please keep all your graded material. Report any perceived grading error to me by email or during office hours as soon as possible.

Classroom Policies

Scholarship/Professionalism: Please strive to maintain the best learning environment possible. Avoid disruptions. Check that cell phones are off and save the side conversations for breaks. *Arrive on time! Be here and ready to learn by 6:10pm; earlier is preferred and appreciated.*

Late work is to be avoided. It is your responsibility to keep up with assignments. If you are absent on a day when work is due, it is your responsibility to get it turned in by someone else. If that is not possible, contact me *before the time it is due* and make other arrangements (handing it in early or in office hours). If unexcused, work received by the next class meeting will be subject to a 50% grade mark-down (aackk!). Late work received later than this is not eligible for credit.

Academic Integrity: Academic dishonesty (cheating) in any form will not be tolerated and will result in disciplinary action. Cheating on an exam or quiz will result in a zero for that assignment and may result in the student being dropped from the course.

Attendance: Any student who misses two consecutive lecture or two consecutive conference/lab classes will be regarded as a non-participant and may be dropped.

I encourage **students with disabilities** to explain their needs and appropriate accommodations to me during my office hours. Please bring a verification of your disability from the DSPS office and a counselor's recommendations for accommodating your needs.

Chemistry Study Support on Campus

The **MESA/STEM Center**, located in Bungalow 201, offers casual study environment and free drop-in tutoring and mentoring. Tutors at the center are funded through the **Asin/Pacific Islander STEM Achievement Project (ASAP)** grant. Mentors are funded through the Office of Mentoring and Service Learning. The **Learning Assistance Center**, located on the 2nd floor of the library, offers free drop in tutoring.

Important Dates

February 6 (Friday): last day to drop Chem 40 without receiving a "W"

April 16 (Thursday): last day to withdraw from Chem 40