Syllabus: Chemistry 311, Spring 2014

Lectures: MWF 1:20 PM, B371, Chemistry
Professor John Moore, 1305 Chemistry, jwmoore@chem.wisc.edu
Office Hours: MF 2:30-3:30 PM or email for an appointment

Teaching Assistants
Sections 601, 603 Anastasiya Vinokur Sections 605, 606 Garrett Wheeler
Sections 602, 604 Allen Wang

Required Materials
Chemistry across the Periodic Table, Chemistry 311, Laboratory Manual 2014
Laboratory Safety Goggles that fit tight to the face Laboratory notebook
(all three available from Alpha Chi Sigma in the chemistry building lobby, Mills & Univ. Ave.; there is no experiment the first week of classes but you will need to get these items and go to lab the first week)

Optional
Chemistry: The Molecular Science, Moore, et al., or another general chemistry textbook for reference and review (on reserve in library or can be borrowed from someone else if you don’t have one). An online gen chem textbook (OLT) is available in Moodle.
Molecular model kit; it is helpful if the kit has atoms with six bond sites at 90° angles.

Group Work
At your lab session the first week of classes you will be assigned to a group of five or six students. You should sit with your group in lecture and you will need to interact and work with your group outside of class, so it is best if where you live is near where others in your group reside. For many problem sets you will turn in a group report. In other problem sets each student must turn in an individual answer sheet. In either case you can work with your group on the problem set. Some lecture classes have been scheduled in special collaborative classrooms in Sterling Hall; days when we will meet in Sterling are marked in red on the course schedule.

Grades
Your grade will be determined by your performance on these assignments:

Three in-class Midterm Exams (60 points each) 180 points
Final Exam (Monday, May 15, 5:05 to 7:05 PM) 120 points
Problem Sets (11 @ 10 points each) 110 points
Laboratory 240 points
(Lab includes 10-point TA personal evaluation; total will be scaled to 240 points)

Total 650 points

Schedule
The first page of a course schedule is on the next page. The rest is in Moodle (https://courses.moodle.wisc.edu/)