Chemistry 202 (Formerly 034)

Fall Semester 2011
Lecture: M, W, F 1:25 - 2:15 P.M.

Professor Steven Weinreb
108 Forum

Brooks/Cole Publisher (required).


Packet of Chemistry 202 (34) Lecture Handouts, Sample Quizzes and Exams, etc. This is available at the Penn State Bookstore (required).

Models: A molecular model set is required: The following are recommended: Molecular Model Set A for Organic Chemistry (Allyn & Bacon) or Chem Tutor Student Modeling System (Aldrich).

Professor’s Office Hours: T, 9:00-10:00 a.m.; F, 2:30 – 3:30 p.m.
Office: 537 Chemistry Building.
Phone: 863-0189 (email: smw@chem.psu.edu).

Resource Room: Tutors able to assist Chemistry 202 students will be available in the Chemistry Department Resource Room (211 Whitmore) after the first week of classes. The hours probably will be 6:30-10:30 p.m., Sundays through Thursdays. Special tutors dedicated to Chem 202 will also have office hours in this room during the day. Their specific times will be announced in class and may vary during the semester.

Course Content: For the purpose of examinations, the course content is defined by (a) the lectures (b) the relevant sections in McMurry, (c) the problem assignments, and (d) the assigned sections in Traynham. The material in Chapter 13 of McMurry will not be covered until Chemistry 203 (formerly 035). Some of the material in Chapters 14-17 will be covered during the treatment of earlier text chapters. The remaining text is covered in a standard biochemistry course. There are major advantages to attending class and taking notes.

Chemistry 202 Web Site: http://courses.chem.psu.edu/chem202. This Web site contains all the Chemistry 202 Reading and Problem Assignments. It also contains all the lecture handouts and sample quizzes and exams in the bookstore packet as pdf, gif or jpeg files. Scans of the keys to the sample quizzes and exams are also on the Web site. Information on exam times and places will be posted as available.

Examinations:
First Midterm Exam: Thursday, September 29, 6:30 - 7:45 P.M.
Second Midterm Exam: Thursday, October 27, 6:30 - 7:45 P.M.
Final Exam: Given in two parts: the first part on Nomenclature and Isomers will be given in class on Monday, December 5. The major part of this exam will be given at the time scheduled by the University Scheduling Office. All exams will require knowledge accumulated since the beginning of the course.

Quizzes: Two quizzes will be given during class. The first quiz is on Nomenclature and Isomers and will be given on Wednesday, September 7 (a sample quiz is in the packet and on the web). The second quiz will be given on Wednesday, November 16.

Review Sessions: A review session will be given by the professor before each major exam. Exam and quiz answers will be posted in the glass cases on the first floor of Whitmore.
Grade: (planned)

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<tr>
<th>Major Exam</th>
<th>Points</th>
<th>Total for two midterms</th>
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<tbody>
<tr>
<td>Each Major Exam</td>
<td>72 pts</td>
<td>144 pts</td>
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<tr>
<td>Final Exam</td>
<td>102 pts (including Nomenclature, Isomers)</td>
<td>102 pts</td>
</tr>
<tr>
<td>Quizzes</td>
<td>54 pts (total for two quizzes)</td>
<td>54 pts</td>
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Total pts = 300. At the end of the semester, the total points for each student are added up and the course then is graded on a curve (based on actual and expected performance). The point cutoffs determine the letter grades A, B, C, and D. The grades A-, B+, B-, and C+ are reserved for students near these cutoffs who do well (+'s) or badly (−'s) on the final exam vs. their peers near the same point level. The effect of this grading system is to exaggerate the value of the final exam. Students who receive less than 150 points will receive a grade of F.

Academic Integrity: Instructors are asked (Senate Rule 49-20) to provide at the beginning of the course a statement to "clarify the application of academic integrity to that course." The Senate Rule includes the following:

*Academic dishonesty includes, but is not limited to, cheating, plagiarizing, fabrication of information or citations, facilitating acts of academic dishonesty by others, having unauthorized possession of examinations, submitting work of another person or work previously used without informing the instructor, or tampering with the academic work of other students.*

You should also be aware of the extensive parts of the Rule that describe procedures for handling alleged instances of academic dishonesty. Specific instances of academic dishonesty in this course would include (but not be limited to) copying or helping someone else copy during an examination, using unauthorized materials during an examination, stealing or destroying course materials or another student’s examination paper, altering answers or grades on graded examinations, having someone take an examination for you, and attempting to do any of the above. Students involved in such infractions, if unchallenged, will receive a grade of F in the course. If challenged, standard university procedures will be followed and any student found guilty will receive at least a grade of F in the course and will often incur a more substantial penalty. Please note that in many chemistry courses including Chem 202, graded exams are often xeroxed before return to the student.