

Chemistry 222 (sec 1) Winter 2009

Instructor: Dr. Eric Sheagley

Office: Science Building II, Room 366

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Office Hours: Monday 9:00 – 10:00 am and Friday After class – 1:00.

Text: Chemistry, A Molecular Approach, Tro, Pearson/Prentice Hall (2008).

Exams: There will be two one-hour midterms (100 pts each), two short quizzes (30 pts each) and a two-hour final (180 pts) (see schedule). The final exam will be cumulative. The material to be covered during each exam is shown on the schedule.

Homework: **Success in this course is strongly correlated with time spent working problems.** Waiting until just before a test to work problems rarely results in success. Homework will account for 60 points of your grade. You have one of two options for receiving these points. You may enroll and participate in the workshop, CH284, or complete the online homework through MasteringChemistry.

Homework points earned through the workshop. It is imperative that you attend the class and turn in the assignments. One absence will be accepted but you will still be required to turn in the assignment.

Homework points earned through MasteringChemistry. Online homework through MasteringChemistry will be assigned each week. Deadlines for these assignments **WILL NOT BE EXTENDED – NO EXCEPTION WILL BE MADE!** If you miss a deadline, you will receive a score of zero for the assignment. There will be approximately 9 assignments. You will have access to each assignment one week before the due date. The deadlines for each assignment will fall on Monday nights at 11:00 PM. The deadline to complete the first homework assignment is April 6th.

Additional out of text homework. In addition, There will be regular problem assignments out of the book. These will *not* be turned in for grading. Some quiz and midterm problems may be taken from these problem sets. The answers to these problems are provided in the back of the text and in the solutions manual.

General Info: You are responsible for all information given during class times. This includes homework assignments and any special announcements or schedule changes. Deadlines and course information will frequently be posted on the class blackboard page. *I strongly encourage you to enroll in workshops, CH 285.*

Grading: There will be a total of 500 points possible for this class (60 points for homework, 60 points for quizzes, 200 points for the midterms and 180 points for the final). There will be 2 quizzes (30 points each), 2 midterm exams (100 points each) and a **comprehensive** final (180 points). Your grade will be assigned based on the percentage of total points scored in the class according to the following scale:

Grade Score	A ≥ 90%	B ≥ 80%	C ≥ 65%	D ≥ 55%	F < 55%
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Note: this scale may change based on class performance. Plus and minus grades will also be assigned. If you turn in an exam to be re-graded, I reserve the right to re-grade the entire exam and may assign a score either higher or lower than the original score. Any re-grade requests or score disputes on any exam and quiz must be made within one week of the return of the exam or quiz (requests made after this deadline will not be considered). Exam re-grade requests must be made in writing. The deadline to drop this class without it appearing on your transcript is April 12th. I reserve the right to add to or alter the requirements, assignments or point distribution for this class.

Policies: 1. Missing an Exam: If you miss an exam, please contact me within 24 hours. I will allow you to reschedule your exam only if your absence was excused, EXCEPT in the following cases, where you will need to take the exam ahead of time:

- a) Previously scheduled work or family commitments
- b) School-sponsored field trips or athletic events

Illness, work conflicts and family emergencies are considered excused absences. Other instances will be evaluated on a case by case basis. All exams must be made up before the exams are passed back in class. Failure to notify me of the reason for your absence, as well as unacceptable excuses, will result in a score of zero for that exam. If a makeup is granted, missed exams will be made up at the SHAC Testing Center (1880 SW 6th Ave. Suite 310, 503-725-5301). To use this testing center, you must present a picture ID and pay a \$10 fee for the service.

2. Professional Demeanor: It is expected that you will act with professional demeanor and attitude at all times. This includes, but is not limited to, being respectful at all times to the instructor and to your colleagues. **It also expected that you refrain excessive talking, cell phone use, or disruptive internet use in class.**

3. Mistakes are sometimes made while grading exams; the good news is that they are usually addition errors, which I will happily fix. Exam scores have a margin of error. If you believe there has been a serious mistake on grading your exam, you may ask me, **IN WRITING**, to regrade exam *up to one week after the exam is returned*. If you turn in an exam to be re-graded, I reserve the right to re-grade the entire exam and may assign a score either higher or lower than the original score.

4. Dishonesty: I expect that the work you do in this course is your own. Academic dishonesty, which includes a variety of actions, will not be tolerated in this course. Cheating during any examination will be reported and the student(s) will receive an “F” for the exam.

5. Accommodation: If you have a physical or learning disability and you need extra accommodation, please be certain you are registered with Disability Services and make appropriate arrangements with me.

To Access the online homework:

1. Go to <http://www.masteringgenchem.com/>
2. Click on the Tro's Chemistry book cover
3. Click on the Register button (not needed if you are already registered)
4. Use the access code (provided in the Student Access Kit) to set up your Login ID and Password. The school zip code is 97207.
5. Return to the log in page, www.masteringgenchem.com, click on Tro's book cover and enter the site with your new Login ID and password
6. During this first stage of registering, there are two additional fields:
 - a. Student ID: please enter your WebCT user ID
 - b. Course ID: MCSHEAGLEY99986

Click the home page link and you are now logged into the system!

Problems out of the textbook:

For each chapter you should complete the "For practice" and "For More Practice" problems

Chapter 15 End of Chapter Problems: 3-6, 9-12, 14, 15, 21, 23, 33, 35, 37, 39, 41, 43, 45, 47, 49, 51, 53, 55, 57, 59, 61, 63, 65, 67, 71, 73, 75, 77, 79, 81, 83, 85, 87, 89, 91, 93, 95, 99, 101, 103, 105, 107, 109, 111, 113, 117, 119, 121, 123, 127, 129, 131, 133, 135

Chapter 16 End of Chapter Problems: 2, 3, 5-7, 9-11, 13, 14, 19-21, 23, 27, 29, 31, 33, 35, 37, 39, 41, 43, 45, 47, 49, 51, 57, 59, 61, 63, 65, 67, 69, 71, 73, 77, 79, 85, 87, 89, 91, 93, 95, 97, 99, 101, 103, 105, 107, 109, 113, 115, 117, 119, 121, 123, 129, 131

Chapter 17 End of Chapter Problems: 5, 6, 12-16, 21, 25-27, 31, 33, 35, 37, 39, 41, 43, 47, 51, 53, 55, 57, 59, 61, 63, 65, 67, 69, 71, 73, 79, 81, 83, 85

Chapter 18 End of Chapter Problems: 1-6, 9, 13, 14, 18, 19, 29, 34-37, 39, 41, 43, 45, 47, 49, 51, 53, 57, 61, 63, 65, 67, 69, 71, 73, 75, 77, 79, 81, 85, 87, 89, 91, 93, 95, 99, 101, 103, 109, 115, 117, 119, 121

Chapter 19 End of Chapter Problems: 3-9, 15, 18, 20, 21, 24, 25, 30, 33, 35, 37, 39, 43, 47, 49, 51, 53, 55, 57, 59, 61, 63, 65, 67, 69, 75, 79, 81, 83, 85

Chemistry 222 Schedule

Date	Meeting/Day	Activity	Chapter
Mar 30	1 / M	Lecture	15
April 1	2 / W	Lecture	15
April 3	3 / F	Lecture	15
April 6	4 / M	Lecture	15
April 8	5 / W	Lecture	15
April 10	6 / F	Lecture / Quiz	16
April 13	7 / M	Lecture	16
April 15	8 / W	Lecture	16
April 17	9 / F	Lecture	16
April 20	10 / M	Review	16
April 22	11 / W	Midterm 1	15/16
April 24	12 / F	Lecture	16
April 27	13 / M	Lecture	16
April 29	14 / W	Lecture	16
May 1	15 / F	Lecture	17
May 4	16 / M	Lecture / Quiz	17
May 6	17 / W	Lecture	17
May 8	18 / F	Lecture	17
May 11	19 / M	Review	17
May 13	20 / W	Midterm 2	16/17
May 15	21 / F	Lecture	18
May 18	22 / M	Lecture	18
May 20	23 / W	Lecture	18
May 22	24 / F	Lecture	18
May 25	25 / M	Holiday	
May 27	26 / W	Lecture	18
May 29	27 / F	Lecture	19
June 1	28 / M	Lecture	19
June 3	29 / W	Lecture	19
June 5	30 / F	Review	15-19
Final Exam, Weds., June 10 at 1015-1205***			

Disclaimer: As the instructor of this course, I reserve the right to change the tentative schedule of topics, number and length of examinations, point distribution, course requirements, and percentages required for letter grades in order to better facilitate the learning process.