Chemistry 223 Spring 2013

Instructor:  Dr. Eric Sheagley

Office:  Science Building II, Room 316

Email:  sheagley@pdx.edu (this should be the primary means of contact).  Also, D2L has a Discussion List feature that allows communication with your classmates. I will be making a point to regularly check the Discussion Board.

Office Hours:  Monday 11:00-12:00, Wednesday 2:00-3:00 and Tuesday, Thursday 4:00 – 5:00 (due to time constraints, office hours will have to end promptly at the listed times).


Exams:  There will be two one-hour midterms (100 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:  Two different types of homework will be assigned:

First, Practice Problems: there will be problem assignments out of the book. These will not be graded. 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. 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.

Second, Scored Homework: There are two options for receiving the 60 homework points available towards your overall grade. You can receive the homework credit by participating in the chemistry workshop or doing the online homework through MasteringChemistry. MasteringChemistry assignments will be assigned most weeks. Directions for accessing MasteringChemistry are available on my blackboard site. 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. Your overall homework score will be based upon a 60 point maximum. You will receive maximum credit if you score at least 75% of the overall total available points. You will have access to each assignment at least one week before the due date. The deadlines for the assignment will be in the evening at 11:00 PM.

Quizzes:  On selected dates, there will be three 20 point quizzes given at the end of class (see schedule). These quizzes are given during the last 15 minutes of class. The 20 point quizzes are designed to make sure you are keeping up with the materials covered in class.

At the beginning of five selected chapters, there will be a pre-quiz (worth 5 points each) due 15 minutes before class on the assigned day. Pre- quizzes can be accessed on D2L and are designed to get you to open the book and read ahead and their due date coincides to the first day that we begin covering the material.

THERE WILL BE NO MAKE-UP QUIZZES OR PRE-QUIZZES. Your lowest quiz and pre-chapter quiz will be dropped.
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.

Grading: There will be a total of 505 points possible for this class (60 points for homework, 60 points for quizzes, 200 points for the midterms and 180 points for the final). Your grade will be assigned based on the percentage of total points scored in the class approximating the following scale:

<table>
<thead>
<tr>
<th>Grade Score</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>F</th>
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<tbody>
<tr>
<td>≥ 90%</td>
<td>≥ 80%</td>
<td>≥ 65%</td>
<td>≥ 55%</td>
<td>&lt; 55%</td>
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Note: this scale may change based on class performance.

Success: Success in this class comes from within. I do not give you a grade, you earn the grade. Before beginning this class, decide what you hope to accomplish in this class. Actively participate in the class. The homework, end-of-chapter or Mastering, is by no means enough practice to develop the skills necessary to succeed in this class. It is necessary to challenge yourself with as many problems as you can from many resources. Ask for help, use your classmates, use D2L use the Chem Commons, use my office hours. Make every attempt to be an active learner because chemistry does not just come to the vast majority, most have to work to understand it. Finally, make sure you are doing everything you can to figure out what works for you by reflecting on how you learn the material.

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.

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.
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<thead>
<tr>
<th>Week</th>
<th>Activity</th>
<th>Unit</th>
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<tbody>
<tr>
<td>1</td>
<td>Prequiz Ch15 (4/4)</td>
<td>Ch 15 Acids and Bases</td>
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<td>Prequiz Ch16 (4/11)</td>
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<td></td>
<td>Quiz Ch 15 (4/11)</td>
<td>Ch 15, Ch 16 Aqueous Ionic Equilibrium</td>
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<td></td>
<td>MC CH15 (4/12)</td>
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<td>3</td>
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<td>Ch 16</td>
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<td>4</td>
<td>Midterm 1 Ch 15, 16 (4/25)</td>
<td>Ch 16</td>
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<td>MC CH16a (4/25)</td>
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<td>5</td>
<td>Prequiz CH17 (5/2)</td>
<td>Ch 16</td>
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<td>6</td>
<td>Quiz Ch 16 (5/7)</td>
<td>Ch 17 Free Energy and Thermodynamics</td>
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<td>MC CH16b (5/9)</td>
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<td>7</td>
<td>Prequiz Ch18 (5/14)</td>
<td>Ch 17, Ch 18 Electrochemistry</td>
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<td>Midterm 2 Ch 16, 17 (5/16)</td>
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<td>MC CH 17 (5/16)</td>
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<td>8</td>
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<td>Ch18</td>
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<td>9</td>
<td>Quiz Ch 18 (5/30)</td>
<td>Ch18, Ch 19Radioactivity and Nuclear Chemistry</td>
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<td>Prequiz Ch19 (5/30)</td>
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<td>MC CH 18 (5/30)</td>
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<tr>
<td>10</td>
<td>MC CH 19 (6/9)</td>
<td>Ch 19</td>
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Final Exam, Tu., June 11 at 5:30

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.

Where can I get chemistry help

CHEMISTRY DEPARTMENT TUTOR ROOM SCHEDULE IN SB1 ROOM 221
- MON-THURS 10am-6pm;
- FRI 11-2

CHEMISTRY TUTORING IN MILLAR LIBRARY: The schedule is forthcoming (usually daily)

MY OFFICE HOURS (see above for schedule)
Suggested End of Chapter Problems
For each chapter you should complete the “For practice” and “For More Practice” problems


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

Before you get started, be sure you have the following information:
- The PSU’s MyLabsPLUS website: http://psu.mylabsplus.com and your course name: Chem 223 Sheagley Chem 223 Sheagley - Section 2
- Your PSU Log-in and password.
- A MyLabsPlus access code that you purchased from your bookstore (if you are not purchasing online).

Getting Started:
2. Enter your username and password and click the Sign in button.
3. Click on the name of your course located in the course list.
   If your course name does not appear, contact your instructor.
4. The first time you click on an assignment or learning aid within your course, the License Agreement and Privacy Agreement page will appear. Click I Accept once you have read and agree with the terms of use.
5. You will now be prompted to enter your MyLabsPlus access code or purchase online. To enter your access code, select the Access Code option, enter your code, and click Next.
   If you prefer to purchase online using a credit card or PayPal, select the Buy Now option and click the product link to complete your purchase.
   Once you have successfully entered your access code or completed an online purchase, you will receive a confirmation page and may now continue working.
   ~For temporary access, please click on the temporary access button on the navigation bar to the left to generate a temporary access code. Your temporary access will be for the first 21 days of your course and will begin on the class start date of 9/24/12.

Technical Support:
If you need technical support, select the Support tab located on your school’s MyLabsPlus campus. Here, you will find an online knowledge base, as well contact information for the MyLabsPlus support team.