

CHEMISTRY 1210

Section 007

Spring Semester 2012

Instructor: Luther Giddings, Ph.D.

Class Hours: 2:30-3:20 p.m.

Class Location: SI 285

Office: SI 219

Office Hours: M-Th, 3:30-4:30 p.m. or as arranged - by appointment only!

E-mail: lu.giddings@slcc.edu - please include your name and course number. Please do *not* use Vista mail!

Web:

1. web site for notes, scores, and course information: <http://www.slcc-science.org/chem/giddings/chem1210/>

2. Vista quizzes: through MyPage *or* <https://online.uen.org/webct/entryPageIns.dowebct>

3. Chemistry department web site: <http://www.slcc-science.org/chem/> for labs, lab schedules, and class information

Text:

1. Required: "Chemistry: The Central Science" by Theodore L. Brown, H. Eugene LeMay Jr., and Bruce E. Bursten; SLCC (12th) Ed.

2. Suggested: "Elementary Chemistry: Lecture Notes;" by Luther Giddings - may be useful but not required

Course Objectives:

1. To gain a fundamental understanding of the basic principles of general chemistry.

2. To gain a better understanding of and appreciation for the role of chemistry in everyday life.

3. To learn how to think like a scientist and better develop real world problem-solving skills.

| Grading Scale | | | Point break down | |
|---------------|---------|-----|---------------------|---------------|
| A | 93-100% | 4.0 | Midterm exams | 2 x 15% |
| A- | 88-92 | 3.7 | Final Exam | 30% |
| B+ | 84-87 | 3.3 | Vista Quizzes | 20% |
| B | 78-83 | 3.0 | Mastering Chemistry | 20% |
| B- | 74-77 | 2.7 | | 100% possible |
| C+ | 70-73 | 2.3 | | |
| C | 66-69 | 2.0 | | |
| C- | 62-65 | 1.7 | | |
| D+ | 58-61 | 1.3 | | |
| D | 54-57 | 1.0 | | |
| D- | 50-53 | 0.7 | | |
| E | <50% | 0.0 | | |

Grades: 20% of your grade will be based on your Vista online quizzes percentage, 20% on your Mastering Chemistry percentage, 30% for the midterm exams (15% each), and 30% for the final exam. The following equation will be used to calculate your final percentage:

$$\% = (\text{quizzes} \times 0.20) + (\text{Mastering Chemistry} \times 0.20) + (\text{MT-1} \times 0.15) + (\text{MT-2} \times 0.15) + (\text{final} \times 0.30)$$

Assume a student scores 94% on Vista quizzes, 90% on MasteringChemistry, 85% on the first midterm, 77% on the 2nd midterm, and 76% on the final exam. This student's final percentage will be $(94\% \times 0.20) + (90\% \times 0.20) + (85\% \times 0.15) + (77\% \times 0.15) + (76\% \times 0.30) = 82.3\%$ and the student's "B".

Exams: There will be two midterm exams and a final exam. The final will be comprehensive. A single 3" x 5" card may be permitted on exams, as will English language aids for those eligible. A calculator will be essential. I will provide a periodic table and may also include other pertinent information, of which I will inform you prior to the exam. The final exam is mandatory. It may not be missed or taken early. I will permit regrades of the two midterm exams. This will be discussed in class in more detail at a future date.

You are being notified well in advance of all exams. You must make the necessary arrangements to be available to take the exams when they are scheduled. No exceptions will be made for any reason. No make-up exams will ever be offered for any reason and you will given a score of "0" for any exam at which you are not present.

Vista Quizzes: All of your quizzes for the course will be administered online through Vista. I never accept written or e-mail copies of quizzes. There will be 10 quizzes, approximately one for each chapter. You may use any book, including your text and course notes, magazines, or other printed or web-based materials you feel are helpful. You may discuss quizzes with other members of this immediate class, but you may not simply exchange answers. You ultimately must do all of the work yourself. You may not discuss the quiz with tutors, friends, family members, or any one outside of class without my explicit permission. The maximum score you may earn on quizzes and assignments to count toward your grade is 100%.

The quiz must be completed before the posted closing date and time and within the time period allocated for the quiz. If you miss a quiz for **any** reason, you will receive a score of "0" for that quiz. I encourage you to begin and complete the quizzes as soon as possible. If you wait until the last minute and have computer problems, I'm sorry but you're out of luck. This includes quiz availability problems due to Vista, which can be rather cantankerous and uncooperative, especially late at night when you have an impending deadline. I do not extend quiz deadlines for **any** reason. You usually have at least a week to work on the quizzes, so the sooner you get started the better.

You may repeat the quiz as many times as you are permitted before it closes to try to improve your grade, but your last score, better or worse, will be the score used in the calculation of your grade. Most quizzes give you three attempts. Several give you more. I would suggest you begin by printing a copy of the quiz and working on it at your leisure. Then return a second time and submit the correct answers. Use the third or any additional subsequent attempts to correct any errors in your second attempt. Remember that you must hit the "submit" button or Vista will not close the quiz and it will remain open. Also remember that there is a delay of 3 hours between the time you close a quiz and time Vista permits you to try it again. You must take this into consideration,

If you have questions about quiz questions, please post them on the discussion board. I will provide you with help. If you can help your classmates when they have questions, I will

appreciate your contributions. I ask that you do not simply provide the answer and do not ever want to see the answer to a quiz question posted on the discussion board. Give hints to help the student in the correct direction.

If you have problems with the Vista quizzes I can only help you with the quiz content. I cannot help you with access issues and other such difficulties. You will need to contact Computer Support at 801-957-5555 for all non-content related problems with Vista.

MasteringChemistry: as per the handout at <http://www.slcc-science.org/chem/giddings/chem1210/info/masteringchemistry-instructions.pdf>. Course ID: **giddings1210spr12**. This is mandatory and an essential portion of your grade. As with Vista, the homework must be completed before the posted closing date and time and within the time period allocated for the quiz. I do not grant extensions or accept written work.

Study Groups: I encourage you to form study groups and to work together on this material. While your work must be your own on quizzes and assignments, this does not preclude meeting with other students and discussing the particulars of this course, the quizzes, exams, and assignments. Since most students are on campus at some point during the week, meeting face-to-face is usually the most enriching way to work together. But it is not the only way. In this age of cell phones, instant messaging, e-mail, faxes, and etc. there are numerous ways for determined, serious students to learn from each other. I **strongly** recommend that you immediately form a study group and begin to work together.

Dropping class: if you decide for any reason to discontinue this class, **you** must go through the process of dropping the class with SLCC. I cannot and will not do it for you, although I will help you if I can. If you stop submitting work and do not drop the class, I am required to give you a grade based on the limited amount of work you have submitted. This is almost always an "E."

Late work: is not accepted. If you miss a quiz deadline or a Mastering Chemistry deadline, you're out of luck. It's that simple, without exception.

Make-up work: I never give make-up exams except for SLCC-approved reasons. Proof of accident, illness, or death i.e., a police report, doctor's note or death certificate, may be required.

Note: Personal responsibility and academic honesty are required at all times. Any student caught cheating may be dropped from the course and may receive a failing grade for the class. This includes cheating on exams, plagiarism, fabricating data, and collaborating on work that is to be done individually.

Copyright notice: all materials in this course are protected by national and international copyright laws. All notes, assignments, quizzes, and examinations are for the sole use of individual students enrolled in this course this semester and may not be shared or redistributed physically or electronically without my express written consent. Lectures may **not** be recorded without first speaking to me and obtaining my explicit consent. Violators may be dropped from class, disciplined academically, and/or liable to civil and criminal prosecution.

The information in this syllabus is a guide only

**Students with disabilities needing accommodations must contact the Disability Resource Center:
College Center Room 230 ; 957-4659 (voice), 957-4646 (TDD)**

| Chem 1210: Spring 2012 tentative schedule | | | | | | |
|--|--------------------|---------------|----------------------------|------------------------|----------------|---------------|
| January 2012 | | | | | | |
| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
| 8 | 9-1st day of class | 10 | 11 | 12 | 13 | 14 |
| 15 | 16-no classes | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 29 | 30 | 31 | | | | |
| February 2012 | | | | | | |
| | | | 1 | 2 | 3 | 4 |
| 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 19 | 20-no classes | 21 | 22 | 23-MT1 | 24 | 25 |
| 26 | 27 | 28 | 29 | | | |
| March 2012 | | | | | | |
| | | | | 1 | 2 | 3 |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 18 | 19-no classes | 20-no classes | 21-no classes | 22-no classes | 23-no classes | 24-no classes |
| 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| April 2012 | | | | | | |
| 1 | 2 | 3 | 4 | 5-MT2 | 6 | 7 |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 - last day of class | 27-reading day | 28 |
| 29 | 30 | | | | | |
| May 2012 | | | | | | |
| | | 1 | 2-final: 1:30 to 3:30 p.m. | 3 | 4 | 5 |