Chemistry 1211  
Summer 2016

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Office Hours: WF 11:00 am to noon  
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Course website: http://spots.gru.edu/smyers1/Chemistry1211/summer1211.htm  
Instructor website: http://spots.gru.edu/smyers1/

Prerequisites: Math 1111, grade of C or better, thus it is expected that you have a thorough knowledge of arithmetic and algebra.

Next Semester: If you are planning to enroll in Chemistry 1212 next term (and you should be!), you should be aware that precalculus (Math 1113) is a prerequisite, as is a C in this class including meeting departmental standards on the final exam. It is not recommended that you skip a semester between CHEM 1211 and CHEM 1212.

Textbook: You are being offered the opportunity to try an ebook/study management system for almost free. Your cost is that you are required to answer a survey about your experience at the end of the term. The book is Chemistry: Atoms First by J. Burge. (Normally: Chemistry: an atoms-focused approach by Gilbert, Kriss and Foster) Instructions for enrolling are on the course website.

Other materials: A scientific, nonprogrammable calculator; a bound laboratory notebook with duplicate pages, labcoat and a pair of safety glasses or goggles are required. The Official Guide: Preparing for the ACS Examination in General Chemistry is recommended. Student and Instructor’s solutions manuals are on reserve in the library. Note: no new materials will be required for CHEM 1212 in the summer. You might need the original textbook for fall.

Homework/Quizzes: 1) quizzes: To assure you keep up with the pace of the course quizzes will be given at the beginning of each class. If you arrive late you will get no extra time and your quiz will be collected with the others. If you arrive after the one minute warning, you will not be allowed to take the quiz and receive a zero. Each quiz is worth 10 points. 2) Electronic homework: there will be two assignments for each chapter, worth 5 points each and added together for one grade equivalent to a quiz. 3) In addition, there will be several homework assignments (published on the course website). These you will print out, complete and are due at 9:00 am. These assignments will be announced in class and/or by email. Late website homework will be accepted until 3 pm that day, but will have a substantial late penalty. Each of these homework assignments will have the same value (10 points) as a quiz.

No quiz or homework will be given/due the day after a test. Homework and quizzes will be averaged together into one “assignment” grade. There will be 4 drops of these grades. Because there are a substantial number of drops, there will be no make-ups on quizzes or homework.

Doing only quizzes and graded homework will not be sufficient to do well in this course. You should also work problems from the textbook, probably more than once. This includes both end-of-the-chapter problems and in-chapter problems/examples (which will not be graded). Pay special attention to conceptual problems, the ACS final is “conceptual.” See website for other study suggestions.

Grading: Your grade will be based on the following: three hour exams; an assignment grade which is the average of your daily quizzes and of the graded homework with the three lowest scores dropped; the average of your laboratory grades with the two lowest grades dropped; and the final exam, which is a combination of a standardized final published by the American Chemical Society (ACS) and a departmental exam. A score above the 25th percentile on the ACS portion of the exam is required to earn a “C” in the course. The value of each of these grades are as follows: two highest exam grades = 15% each, lowest exam grade = 10%, assignment average = 15%, lab average = 20%, final exam = 25%. Final grades will be based on A = 90% or higher; B = 89-80%; C = 79-70%; D = 69-60% and F = 59% or less.

Extra Credit: Extra credit will be available on all exams, and some homework and quizzes—although questions may not be identified as extra credit. No other extra credit will be available.
Laboratories: Lab is considered an integral part of this course, so absences from lab are also taken very seriously. You are expected to be on time and dressed appropriately. If your tardiness is such that, in the instructor’s opinion, you have missed too much of the lab instructions to work safely or effectively, you may not be permitted to attend the rest of the lab and will receive a zero for that experiment. Appropriate lab attire includes: clothing covering shoulders to ankles, shoes that completely cover the foot (no skin should be visible in the lower part of your body) and safety glasses. In addition, you should always bring your lab notebook, pen (NOT a pencil) and calculator. If you have three zeroes on lab experiments, for any reason, you will be withdrawn from the course. Students who are not prepared for lab (wrong clothes, no lab notebook, etc.) or who are late will not be permitted in lab and receive a zero for those experiments.

Attendance/Participation: You are expected to attend and fully participate in lecture and lab sessions. If you miss a lecture session, it is your responsibility to find out what material was covered and what announcements were made. If you are absent from three lectures you will be dropped from the course. Attendance will be recorded as the daily quiz. If you were late and did not take the quiz, see the instructor at the end of class (or during the break) to be counted as present. It is the student’s responsibility to be sure their attendance record is correct. If you are not participating by failing to be present for quizzes or doing the assigned homework, you may also be withdrawn. Students who miss a total 6 quizzes and/or homework assignments will be withdrawn. If you miss 3 lab grades for any reason, you will be withdrawn from the course. Missing an exam without a legitimate excuse is also grounds for withdrawal. This instructor will only withdraw a student after midterm (6/8) with the accompanying WF grade, regardless of when your absences occurred. Midterm is the last day that a student may withdraw from a course with a grade of W.

Make-ups: There will be NO MAKE-UP QUIZZES, HOMEWORK OR LABS. (Remember, there are drops.) If you miss an exam, you must contact me by 4 pm that day and schedule a make-up, which must be taken as soon as possible (normally before class the next day). Your grade will remain a zero until I receive documented evidence of an excused absence from an authority which I recognize (e.g., doctor, police, but not your mother). If you are aware of the absence in advance, you must schedule a time to take the exam early. An unexcused absence from the final will result in a course grade of F, regardless of course performance.

General Policies: Calculators cannot be shared; you are expected to have yours with you in every class and in lab. These will not be provided by the instructor. If you do not bring a calculator or the correct type of calculator, you will have to do the quiz, test or assignment without one.

The student may use only a nonprogrammable scientific calculator, pencil and eraser during a quiz or exam! Clear your desk of all other items. Items not in use for the test should be in a bag or backpack and left at the front of the room for the duration of the exam.

Electronic devices are rude because they are distracting to other students. Any student using a device in a way not directly related to the current activities in class (as determined by the instructor) may be asked to leave and conduct their electronic business elsewhere. If you wish to use a laptop to take notes, you must sit in the back row so that your screen is not distracting to students behind you. Any electronic device other than the approved calculator (including smart watches) should be in your bag in the front of the room during a test. If I see it, you will receive a zero for that assignment (exam, etc). If it happens a second time, it will be considered an attempt at cheating and appropriate actions will be taken.

Cheating will not be tolerated. This includes collaborating on graded homework, quizzes or on exams. You may discuss homework, but problems should be your own words and work. Copying someone else’s answers IS cheating and will receive a zero at best. See the section 3.2 of the student manual. http://www.augusta.edu/student-life/documents/studentmanual-2015-16.pdf

If an error was made in grading an exam, quiz or homework, the student has two class days after it was returned to the class to request a reevaluation in writing. It is the student's responsibility to pick up the exam (or quiz) if not present when it was returned.

If the alarm requiring us to evacuate occurs during a quiz or test, turn it in before you leave. If you do not turn it in, you will not be allowed to complete it.

Tentative Schedule
- May 23—First class
- May 30—holiday, no class
- June 1—test 1: Chapter 1,2,3
- June 10—test 2: Chapter
- June 21—test 3
- June 27—final exam