

Chemistry 111 Spring 2012

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Schedule

Monday	Tuesday	Wednesday	Thursday	Friday
10 am Chem 111		10 am Chem 111		10 am Chem 111
11 am Chem 111		11 am Chem 111	Office Hours By Appointment	11 am Chem 111
12-3 Office Hours	12-3 Office Hours 3:30-6:30 Chem Lab	12:30-3:30 Chem Lab		Office Hours By Appointment

Text: CHEMISTRY: Atoms First by Burdge and Overby

Catalog Description: Chem 111 Principles of Chemistry (3)

An introductory course in chemistry emphasizing theoretical aspects and designed primarily for students who intend to take one or more additional courses in chemistry. Lectures, three hours per week.

Co-requisite: Chem 111 Laboratory.

Unless you have already taken it and are retaking this course to improve your grade. If you are enrolled in Chem 111L and have already passed it, go to the chem office and be removed from the lab. **DO NOT ATTEMPT TO DO THIS ON COUGAR TRAIL OR YOU WILL BE DROPPED FROM THE LECTURE AS WELL.** The two courses (CHEM 111 & 111L) are graded independently of each other. Labs will begin the week of January 16th.

Course Objectives:

1. To explore the basic elements of molecules
2. To understand what is involved in a chemical reaction and stoichiometry
3. To master the naming chemical compounds both ionic and molecular
4. To explore basic thermodynamic concepts
5. To understand the periodic trends of atoms
6. To explore ground state electron configuration, molecular shape and Lewis structures
7. To obtain an understanding of intermolecular forces and colligative properties

Drop/Add: In order to change sections or change courses you must do so no later **than 5 p.m Friday January 13, 2012.** If you are repeating the lecture or lab and do not need to repeat the corequisite course you must remedy this with the department chair before the close of Drop/Add.

Withdrawal: The last day to drop with a grade of "W" is Monday March 19th at 5 pm.

Calculators: You will need a calculator that performs exponential and logarithmic functions. You will need to bring it to all class meetings. You do not need one, but if you have a programmable calculator you will need to come to exams early to show me all programs that are currently on your calculator.

Responsibilities: You are responsible for all material covered or assigned in class or assigned via the web. You should check the website at least weekly for any updates. There will be a schedule with all notes, homework assignments and quizzes for each class period. It is absolutely vital that you keep current in your studies. My expectation is that for every hour spent in lecture you will spend a minimum of 3 hours of study. The instructor is here to explain the material and help you to the best of her time and ability. However, the burden of learning is upon you, the student, which includes making use of tutors and office hours. Homework will be assigned but not be graded. The problems are representative of what you need to know for the quizzes and exams. **The key to success in this class is working through chemistry problems again and again.**

Attendance and Participation: Attendance is expected but NOT mandatory. You are responsible for all information presented in class whether are present or not. No make-up tests or quizzes are given. It is possible to arrange to take a test or quiz early. If you are a student-athlete or away from class due to college-related business, an accommodation will be made as long as you make arrangements BEFORE your absence.

Quizzes: There will be in class or take home quizzes given daily. The quizzes will cover the most important topics discussed in the previous lecture(s). You will need a calculator for all quizzes. **There will be NO make up quizzes.** The lowest 6 quizzes will be dropped.

Exams: There will be five hourly exams on the following dates. These dates are subject to change. You will need a calculator for all exams. The lowest exam score will be dropped

Wednesday February 1st

Friday March 2nd

Wednesday March 21st

Wednesday April 4th

Friday April 20th

Final Exam: The final will be comprehensive. It is the American Chemical Society standardized test for general chemistry. It will cover this semester's material. The Exam is either Friday April 27th or Monday April 30th at 8:00 am. **Location TBA.** You are given 110 minutes for this exam.

Grading:

Your final grade will be calculated by the following formula:

Quizzes: 15%
4 Exams: 60% (15% each)
Final Exam: 25%

Grading Scale:

Note +/- are now in affect

A	93-100%
A-	90-92%
B+	87-89%
B	83-86%
B-	80-82%
C+	77-79%
C	73-76%
C-	70-72%
D+	68-69%
D	66-67%
D-	65%
F	Below 65%

Academic Integrity: One of the core values of the College is academic integrity. This course is conducted under the Honor Code of the College of Charleston (see <http://www.cofc.edu/studentaffairs/HonorBoard?HonorBoard.htm>) and the department's Policy on Scientific Integrity (see <http://www.cofc.edu/~chem/advising/integ.pdf>). Cheating will not be tolerated. This includes copying data from another student in class, copying calculations from another student in class, using work from a student in a previous class, and other violations described in the Student Handbook. If you are caught cheating, you will automatically receive a grade of XF for the course, and you will be brought before the Honor Board.

Electronics Device Policy

Devices that are prohibited in class at any time are: pagers, cell phones, radios, TV, CD, DVD, and MP3 players and similar devices. Keep these devices off and out of sight. Devices that are allowed to be used at certain times during class, except during tests, exams and quizzes are mobile computing devices (no bigger than laptops), laptops, handheld computers, PDAs, electronic pens, calculators, and similar devices. The sound must be off unless otherwise specified by the instructor. During tests, exams, and quizzes no electronic devices are allowed to be on or in sight, unless otherwise specified by the instructor. The use of any wireless communication device during a quiz, test, or final exam is prohibited and will be considered a violation of the **Honor Code**.

Email: is the best way to get in contact with Dr. Taylor. She will check her e-mail roughly between 8 am and 9 pm every day. If you don't receive a response from her during those times that means she DID NOT receive your e-mail, so try again.

Email is considered an official method for communication at the College of Charleston. Email accounts are automatically assigned to all students upon acceptance at the College (e.g. your @edisto.cofc.edu account). If a student wishes to have email redirected from their official College issued account to another email address (e.g., @aol.com, @hotmail.com, @yahoo.com, or any other server other than the official @edisto.cofc.edu), they may do so, but at their own risk. Having email redirected does not absolve the student from the responsibilities associated with official communication sent to his or her College account. The College is not responsible for the handling of email by outside vendors or unofficial servers. A link to instructions on how to forward Edisto email can be found by clicking on Web Mail from the CofC home page. Students are expected to check their College of Charleston official email on a frequent and consistent basis in order to remain informed of College related communications. Checking email on a daily basis is recommended. Students have the responsibility to recognize that certain communications may be time-critical. "I didn't check my email", error in forwarding email, or email returned to the College with "Mailbox Full" or "User Unknown" are not acceptable excuses for missing official College communications via email.