**Chemistry 111 Fall 2013**

Instructor: Dr. Dawne M. Taylor  
Office: SSMB 112  
e-mail: taylord@cofc.edu  
Phone: 953-5052  
course material found on OAKS

### Schedule

<table>
<thead>
<tr>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
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<tbody>
<tr>
<td>11 am Chem 111</td>
<td>10-12 am Office Hours</td>
<td>11 am Chem 111</td>
<td>10-12 am Office Hours</td>
<td>11 am Chem 111</td>
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<td>(Lightsey 346)</td>
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<td>12-2 pm Office Hours</td>
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<td>12-2 pm Office Hours</td>
<td>1:40-4:40 pm Chem 231 Lab</td>
<td>12-2 pm Office Hours</td>
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<td>5-7:45 pm SMFT class</td>
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**Text:** CHEMISTRY: Atoms First by Burdge and Overby (Can do e-book or text)

PR or CO: unless students exempt MATH 111 (via diagnostic testing) or have completed this course as a pre-requisite, they are required to take MATH 111 as a co-requisite

**Co-requisite:** Chem 111 Laboratory.  
Unless you have already taken the laboratory 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 August 19th.

**Course Objectives:**
- Know the definition of chemistry and the scientific method
- Express common mathematical techniques in the solving of chemistry problems
- Understand the role of the atom in chemistry
- Distinguish, classify, and explain the properties of compounds
- Recognize and explain the fundamental nature of chemical reactivity
- Differentiate and describe the principles of the phases of matter

**Drop/Add:** In order to change sections or change courses you must do so no later than 5 p.m Monday August 26, 2013. If you are repeating the lecture or lab and do not need to repeat the corerequisite 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 Thursday October 24th at 5 pm.  
We understand that you need to maintain a certain number of science credit hours or credit hours in general to keep your scholarship. However, keep in mind that failing this class will almost guarantee that you will lose your scholarship. Taking chemistry over the summer is better than failing grade. An express 1 credit course is in the works for Fall 2013 express II that begins October 9, 2013 that is geared to the mathematical challenges this course presents and may be a good option to consider to ensure you have enough credits. **If you have failed the first two exams, you need to SERIOUSLY consider a withdrawal.**

**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.

**Attendance and Participation:** Attendance is expected but NOT mandatory. Although the College has just requested we report attendance for Financial Aid reasons. You are responsible for all information presented in
class whether are present or not. Dr. Taylor **WILL NOT** give you a private lecture at a later time if you miss class. 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.

**Responsibilities:** You are responsible for all material covered or assigned in class or assigned via OAKS. You should check OAKS 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 supplemental instruction and office hours and working through the homework sets provided sometimes more than once.

**Contacting Dr. Taylor:** The best way to contact Dr. Taylor is by email. Her email address is **taylord@cofc.edu** and she will check her email between the hours of 8 am and 9 pm. If she has not responded to your email, please send her another one as your email may have gone to her junk folder or gotten lost in cyber space. She makes a point to respond to every email. If Dr. Taylor needs to contact you for some reason, she will use the email account provided to her on “My Charleston”. There are times throughout the semester that she will send the entire class an email.

**Office Hours:** These are not the same thing as lecture. During this time, please come prepared with questions you have. For most people, chemistry is a foreign language and the best way to learn a foreign language is to speak it. “I don’t get anything we did today” IS NOT A QUESTION. Dr. Taylor prepares lectures and explains the material in a way she believes will be understood and would only repeat herself if you made that statement and since it clearly didn’t help you understand the material the first time, starting with a question or a homework problem is a much better place to start.

**Homework:** Homework will be given but only for your own edification and practice and a good place to start when coming to office hours with questions. The answers will be provided but not worked out. Problems appear to be very easy in class when Dr. Taylor is doing the work for you or prompting you. The real test comes if you can do any problem at any time, in any context and do it in a fixed time frame. The measure of how well you master the material will be the daily quizzes, exams and final exam.

**Schedule:** I have provided you with a schedule of the material that will be covered on which dates. This is a tentative schedule as it is difficult to dictate the pace of the class for any given day. I do not change test dates but rather change the material that will be covered on each exam.

**Quizzes:** There will be in class or take home quizzes given on the dates provided on the schedule. 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.** There are 17 scheduled quizzes and the lowest 4 quizzes will be dropped. All quiz questions will be worked out and posted on OAKS after the quiz has been taken.

**Exams:** There will be four hourly exams on the following dates. You will need a calculator for all exams. The lowest exam score will be dropped. Material covered on the exams is clearly outlined in class. Do not stop class to ask Dr. Taylor the format on the exam, what will be on the exam, or how she will ask a question on the exam. The answer will always be everything and difficulty. I believe you have been given all of the tools you need to answer a question and firmly believe that the subject has been discussed in class even if the discussion is: Make sure you look over thus and so. Typically, exams are 10 multiple choice questions and 4-8 short answer questions. The best preview of Dr. Taylor’s test style is the quizzes. When you receive your exam back it is important for you to look over the exam and any notes made by Dr. Taylor. If you have any questions regarding your grade on an exam or how to work through a problem on the exam, see Dr. Taylor.
during office hours. Leaving for a break early is NOT a valid excuse to miss an exam and you will receive a zero for the exam missed. Please note that Exam 4 is the Monday BEFORE THANKSGIVING.

**Friday September 13**
**Wednesday October 30**

**Friday October 4**
**Monday November 25**

**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 Final exam is at 8:00 am on Wednesday December 3, 2013. **In Lightsey 246. You are given 110 minutes for this exam.** The only way you may change the date of this exam is through the Registrar’s office and you will need to provide a valid reason that they find acceptable. Do not plan your Winter breaks plans thinking I will be willing to give you the exam at another time. I WON’T. There are copies of the ACS general chemistry study guide (as seen to the left ) in the reserve section of the library and covers material for both general chemistry semesters or can be purchased online.

**Grading:**
Your final grade will be calculated by the following formula:

- **Quizzes:** 20%
- **3 Exams:** 60% (20% each)
- **Final Exam:** 20%

**Grading Scale:**

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<tr>
<th>Grade</th>
<th>Percentage</th>
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<tr>
<td>A</td>
<td>93-100%</td>
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<tr>
<td>A-</td>
<td>90-92%</td>
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<tr>
<td>B+</td>
<td>87-89%</td>
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<tr>
<td>B</td>
<td>83-86%</td>
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<tr>
<td>B-</td>
<td>80-82%</td>
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<tr>
<td>C+</td>
<td>77-79%</td>
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<tr>
<td>C</td>
<td>73-76%</td>
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<tr>
<td>C-</td>
<td>70-72%</td>
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<td>D+</td>
<td>68-69%</td>
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<tr>
<td>D</td>
<td>66-67%</td>
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<td>D-</td>
<td>65%</td>
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<td>F</td>
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Note +/- are now in affect

Your midterm and final grades will be reported on My Charleston on the due date. I will NOT tell you what you have at a given time or what you need to pass the class or get a particular grade. The formula for calculating your grade is below. It is your responsibility to keep track of your own exam and quiz grades.

**Final grade = (0.20 * quiz average w/ lowest 4 quizzes dropped) + (0.60 * your exam average with your lowest exam score dropped) + (0.20 * final exam score)**

**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](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](http://www.cofc.edu/~chem/advising/integ.pdf)). Cheating will not be tolerated. This includes copying data 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.**