**Instructor:** Dr. Betty Cep Gailbreath  
E-mail: gailbreathbd@cofc.edu  
Office: SSMB Rm 122  
Phone: 953 - 5587

**Office Hours:**  
T, Th: 9:40 am – 10:40;  
W: 10:45 am – 11:45 or by appointment

**Course Title:** CRN 11795  
CHEM 111 – 09 Principles of Chemistry  
3 credits – 3 hours

**Course Info:**  
T, Th: 10:50 am – 12:05 pm  
Rm: Lightsey Conference Center 346

**Required Text:** General Chemistry: Atoms First  
Authors: Burdge, Julia and Overby, Jason  
ISBN: 9780073511160

Information in this syllabus can change with appropriate notice.

<table>
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<th><strong>Basic Information</strong></th>
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<tr>
<td><strong>Course Description</strong></td>
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<td><strong>Course Co/Pre-requisites</strong></td>
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<td><strong>Class Preparation</strong></td>
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<td><strong>Highly Recommended Texts</strong></td>
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- The Problem-Solving Workbook with Selected Solutions for Chemistry: Atoms First; Julia Burdge  
- The booklet entitled “Preparation for the Final Exam: L Banks, Preparing for your ACS Examination in General Chemistry, ACS Press” is kept on permanent library reserve. |
| **McGraw-Hill Website** | This website at [http://www.mcgrawhillconnect.com/chemistry](http://www.mcgrawhillconnect.com/chemistry) contains a companion website for the textbook we are using in this course. |
| **Supplemental Material** | Supplemental Instruction will be provided by Jan Enabore (email: jaenabor@g.cofc.edu)  
More information about the supplemental instruction program can be found at the website [http://csl.cofc.edu/supplemental-instruction/index.php](http://csl.cofc.edu/supplemental-instruction/index.php) |
| **Course Learning 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  
- Apply physical/natural principles to analyze and solve problems.  
- Develop an understanding of the impact that science has on society. |
Grade Policy and Evaluation of Student Performance

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<tr>
<th>Student Work</th>
<th>Grade Percentage</th>
<th>Description and Information</th>
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<tbody>
<tr>
<td>Quizzes</td>
<td>15 %</td>
<td>About 9 – 11 short quizzes (10 min. each) will be given at the beginning of the class period (see course schedule). There are no make-up quizzes. The lowest quiz grade will be dropped from your average quiz grade.</td>
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<tr>
<td>Tests</td>
<td>65 %</td>
<td>Four 75 minute tests are scheduled during the semester. Dates are on the course schedule. The lowest test grade will be replaced with the final exam grade if it is higher.</td>
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<td>Final Exam</td>
<td>20 %</td>
<td>The final exam is scheduled during the time assigned for the class meeting day and time (See important dates section). The Final Exam will be a cumulative 110 minute multiple choice American Chemical Society Standardized test which has been written by a board of chemistry professors who are members of the American Chemical Society. Material from the laboratory course may also be included.</td>
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</table>

“Make-Up” Policy

**Quizzes** - **There are no excuses or make-ups for missed quizzes under any circumstances.** Students who arrive late will not be given extra time to complete the quiz. The lowest quiz grade will be dropped from your average quiz grade.

**Tests** – **There are no make-up tests for missed tests under any circumstances.** If you have an emergency that is documented with a note from the Absence Memo Office (located 67 George Street) or a note from a medical doctor, you may be excused from one test. Your final exam grade will count as your missed exam grade. Contact me as soon as possible. Any additional missed tests are assigned a grade of zero regardless of the reason.

**Final Exam Policy**

Requests for an alternate final exam must be processed through the Office of Undergraduate Academics no later than 5 p.m. on the last day of class. Absence from the final exam will result in the grade of "X" being assigned which converts to an "F" within 48 hours unless an excused absence has been granted by the Dean in the Office of Undergraduate Studies. The acceptable reasons for missing examinations are illness of the student or circumstances beyond the student’s control. These reasons must be properly documented. See the sections entitled “Final Examinations” in the Undergraduate Catalog for more information.

**Calculation of Grade Percentage**

\[
\text{Grade Percentage} = 0.15 \times \text{Quizzes avg} + 0.65 \times \text{Test avg} + 0.20 \times \text{Final}
\]

**Before the Final Exam:** 

\[
\text{Grade Percentage} = \frac{0.15 \times \text{Quizzes avg} + 0.65 \times \text{Test avg}}{0.80}
\]

**Assignment of Grades**

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<tr>
<th>Grade</th>
<th>Percentage Range</th>
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<td>A</td>
<td>93.0 – 100.0</td>
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<td>A-</td>
<td>90.0 – 92.9</td>
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<td>B+</td>
<td>87.0 – 89.9</td>
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<td>B</td>
<td>83.0 – 86.9</td>
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<td>B-</td>
<td>80.0 – 82.9</td>
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<tr>
<td>C+</td>
<td>77.0 – 79.9</td>
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<tr>
<td>C</td>
<td>73.0 – 76.9</td>
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<td>C-</td>
<td>70.0 – 72.9</td>
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<td>D+</td>
<td>68.0 – 69.9</td>
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<td>66.0 – 67.9</td>
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<td>D-</td>
<td>65.0 – 65.9</td>
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<td>F</td>
<td>&lt; 65</td>
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<td><strong>Class Policy</strong></td>
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<td><strong>Attendance Policy</strong></td>
<td>I expect all students to be on time and attend every class meeting. Note that missing 10% or more of the scheduled classes is excessive whether it is excused or unexcused. This class meets 29 times; that means missing three or more classes. This can affect your grade. If more than three absences are recorded then a WA can appear as your midterm grade or final grade. If you must be absent for a good reason (illness, emergency, etc.), please discuss the absence with me at your earliest opportunity or e-mail me. Students are responsible for all information presented in class whether they are present or not. Students should obtain notes from a classmate and read the associated material in the text BEFORE they meet with me to ask questions about material missed. Please note that an Absence Memorandum from the Absence Memo Office (located 67 George Street) only verifies your documentation for missing a class. It does not entitle you to make up or be excused from any work, assignment, or test. 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.</td>
</tr>
<tr>
<td><strong>Student Responsibility</strong></td>
<td>You are responsible for all material covered or assigned in class or assigned via OAKS. You should check OAKS at least every other day for any updates. Power points, highly recommended homework assignments, worksheets and more will be found on OAKS. It is of the utmost importance that you keep current in your studies. You are expected to spend a minimum of 3 hours of study for every hour spent in lecture. 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.</td>
</tr>
<tr>
<td><strong>Academic Integrity</strong></td>
<td>Students in this class must know, observe, and not compromise the principles of academic integrity. It is not permissible to cheat, to copy data or calculations from another student in class, to fabricate or falsify information, to submit the same academic work in more than one course without prior permission, to plagiarize, to receive unfair advantage, to otherwise abuse accepted practices for handling and documenting information or other violations described in the Student Handbook. This course is conducted under the Honor Code of the College of Charleston (see <a href="http://studentaffairs.cofc.edu/honor-system/">http://studentaffairs.cofc.edu/honor-system/</a>) and the department’s Policy on Scientific Integrity (see <a href="http://chemistry.cofc.edu/documents/Scientific_Integrity_2011.pdf">http://chemistry.cofc.edu/documents/Scientific_Integrity_2011.pdf</a>). 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.</td>
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<tr>
<td><strong>Electronics Device Policy</strong></td>
<td>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. 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.</td>
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<tr>
<td><strong>Calculators</strong></td>
<td>A calculator that performs exponential and logarithmic functions is required. 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. It is considered cheating to use a calculator that has stored text or equations in it on a test or quiz. No cell phone calculators or computers. Sharing a calculator with another student during a quiz or exam is not allowed.</td>
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</tbody>
</table>
### Homework
These problems are assigned from out of the text or from the supplemental materials, and are for your benefit. While the homework assignments will not be collected and graded; the tests will be partially drawn from these problems. You should practice working problems regularly; leaving all of your studying until the last minute is not likely to result in a passing grade.

### E-mail
- **This is the best way to contact me. It is usually checked between 9:00 am and 6:00 pm on weekdays. If you don’t receive a response from me during those times that means I 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 @g.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), 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 venders or unofficial servers. 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.
- 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.

### SNAP
Students Needing Access Parity – If you have a letter from the SNAP office and need academic adjustments or accommodations, please contact me within two weeks from the start of the semester. If you have a disability and do not have a letter, please contact the Center for Disability Services / SNAP office located on the first floor of the Lightsey Center, Suite 104. ([http://disabilityservices.cofc.edu/](http://disabilityservices.cofc.edu/))

### Other
The Chemistry and Biochemistry has a facebook page and uses it to announce opportunities for their students. Chem and BioChem at the College of Charleston is the name.

### Important Dates

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<tr>
<th>Date</th>
<th>Description</th>
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<tr>
<td>Tues. Aug. 20</td>
<td>First Day of Class</td>
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<tr>
<td>Mon. Aug. 26</td>
<td>Last Day to Drop/Add Course</td>
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<tr>
<td>Tues. Sep 10</td>
<td>Test # 1</td>
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<td>Thurs. Oct. 3</td>
<td>Test # 2</td>
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<td>Mon/Tues., Oct. 14, 15</td>
<td>Fall Break Holiday</td>
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<td>Thurs. Oct. 17</td>
<td>Midterm Grades Available</td>
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<td>Thurs. Oct. 24</td>
<td>Last Day for students to withdraw with a grade of “W”</td>
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<td>Thurs. Oct. 31</td>
<td>Test # 3</td>
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<td>Thurs. Nov. 21</td>
<td>Test # 4</td>
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<td>Tues. Nov. 26</td>
<td>Last Day of Class</td>
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<td>Nov. 27-29</td>
<td>Thanksgiving Holiday</td>
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<td>Tues. Dec. 3</td>
<td>Reading Day</td>
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<tr>
<td>Tues. Dec. 10</td>
<td>Final Exam at 8:00 am ACS exam 110 minutes, in LTCR 346</td>
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<td>Wed. Dec. 18</td>
<td>Final Grades Available</td>
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