Course Description: This course reviews basic math skills while introducing application of these skills to problems in chemical stoichiometry and nomenclature. (1 credit hour)

Required Materials:
Calculator that can perform calculations involving exponents and logarithms
Reliable internet access

Prerequisite: MATH 101 (may be taken as a co-requisite) or MATH 111 or instructor permission

Student Learning Outcomes

1. To use fundamental math skills as applied to chemistry problems
2. To demonstrate successful problem-solving techniques
3. To properly name, manipulate, and write chemical compounds and formulas
4. To use stoichiometry to solve theoretical and percent yields

Students must:

- Be highly motivated to learn
- Have strong time management skills
- Be willing to ask for help when you need it
- Have self-discipline
- Demonstrate strong critical thinking skills
- Have basic technology skills
- Be diligent about deadlines and timelines
- Be able to set attainable goals

You are encouraged to log in to the course, check the announcements, participate on the discussion boards, check the calendar, and review assignments at least 3 times per week. You should expect to spend the same amount of time preparing for and participating in this course as you would if we met face to face. That means you should expect to spend ~1 hour watching the video and 3 hours of studying. If you have problems related to the course, please contact me immediately. If you have technical problems, please contact the Student Computing Support Desk at 843.953.5457 or email studentcomputingsupport@cofc.edu. Resolve problems promptly. Computer failure/unavailability does not constitute an excuse for not completing assignments by the due date.
This course will be administered fully through OAKS. The course material is divided into weekly modules. There is a new module each week.

The following tools will help you manage the course:

**News Feature:** The Course Home Page on OAKS will be updated regularly with announcements and updates.

**Course Calendar:** Lists upcoming due dates.

**Content:** Module will open sequentially on Wed at 12:01 a.m.

**Checklists:** Provided as a roadmap to direct students through each module.

**Course Schedule:** Posted on OAKS. Clearly outlines all required readings, instruction, assignments, and assessments.

**Questions Board:** A discussion board will be provided in OAKS for questions about assignments and just to share information.

**Need Reminders?** You are encouraged to enable notifications in your OAKS account. If you have not previously enabled your notifications, select the dropdown arrow beside your name from the top righthand corner and then select notifications. This will allow you to be notified via email and/or text message when new quizzes, news, dropbox assignments, grades or discussions you have subscribed to are posted. In order to subscribe to a discussion, select the STAR icon next to the title of the respective discussion to receive notifications.

Complete Assignments on Time: Do NOT Procrastinate. Assignment deadlines are clearly posted and will be strictly respected. Plan accordingly.

Expect Similar Academic Rigor as a Face to Face Class: Online does not = easy. The same material is covered in face to face classes. The major difference is the student is responsible for engaging themselves with the material and their classmates.

Community of Learners: For everyone to learn, students must feel free to share thoughts and ideas in a nonthreatening environment. Read and benefit from community member’s comments. Respect the views of others. Agree and disagree respectfully. Private communications should be sent to me via email. I will respond to emails and posts on the discussion board within 24 hours except on weekends in which case I might not see your email until Monday morning.

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<tr>
<th>Grading Scheme</th>
<th>Grading Scale</th>
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<tbody>
<tr>
<td>Weekly Grades</td>
<td>Percentage</td>
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<tr>
<td>(One module each week)</td>
<td>94-100</td>
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<td>90-94</td>
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Log-In Often: Log-in and participate a minimum of 3x each week. Each module will have a checklist for you to complete. **Failure to participate for 10 days in a row will result in a WA.**

Academic Integrity: Students must abide by the College of Charleston Honor Code. Infractions will result in disciplinary action. Work submitted for a grade is to be done by each individual student without collaboration with others unless explicitly approved by the instructor. Students can find the complete Honor Code and all related processes in the Student Handbook at [http://www.cofc.edu/generaldocuments/handbook.pdf](http://www.cofc.edu/generaldocuments/handbook.pdf).

SNAP: If you require SNAP accommodations, please provide the SNAP letter outlining the requested accommodations during the first two weeks of class.

*The syllabus is subject to change by the professor at any time. All changes will be announced in OAKS.*