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

The class is "asynchronous" meaning you can access it any time day or night. However, you would be wise to set aside specific times during the week where you will work on the class just as if you were attending a class in person. Complete Assignments on Time: Do NOT Procrastinate. Assignment deadlines are clearly posted and will be strictly enforced. Plan accordingly.*

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  |  Students must:
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1. To use fundamental math skills as applied to chemistry problems  |  • Be highly motivated to learn
2. To demonstrate successful problem-solving techniques  |  • Have strong time managements skills
3. To properly name, manipulate, and write chemical compounds and formulas  |  • Be willing to ask for help when you need it
4. To use stoichiometry to solve theoretical and percent yields  |  • Have self-discipline

You are encouraged to log in on OAKS every day to the course, check the announcements, participate in the discussion chat, check the calendar, and review assignments. 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 ~2 hours watching the videos and 6 hours of studying per week. If you have problems related to the course material, please contact me immediately. If you have technical problems, please contact the Student Computing Support Desk at 843.953.5457 or email studentcomputing@cofc.edu. Resolve problems promptly. Computer failure/unavailability does not constitute an excuse for not completing assignments by the due date. Don’t wait until the last minute.

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.

SNAP: If you require SNAP accommodations, please provide the SNAP letter outlining the requested accommodations during the first two weeks of class. For more information visit http://disabilityservices.cofc.edu.
This course will be administered fully through OAKS. The course material is divided into weekly modules with two lessons per module. There is a new module each week.

These tools will help you manage the course:

- News Feature: The Course Home Page on OAKS will be updated regularly with announcements and updates. Check it daily.
- Content: Posted on OAKS. Clearly outlines all required readings, instruction, assignments, and assessments.
- Course Calendar: Lists upcoming due dates.
- Course Schedule: Modules will open periodically on Thursdays at 12:01 AM. The due date for module quizzes is 11:59 PM on Wednesday.

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 right-hand 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.

Important Dates:
- Drop/Add for Express II classes ends 5 PM Monday March 4
- Last Day to Withdraw for Express II classes is 5 PM Tuesday April 9
- Final Exam for on-line classes is Sunday April 28 from 4:00-7:00 PM

(It is possible to arrange to take the Final Exam early)

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.

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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<thead>
<tr>
<th>Grading Scheme</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>F</th>
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<tbody>
<tr>
<td>Score at least 90% on the Syllabus Quiz, and submitted on time*</td>
<td>Score at least 90% on the Learning Chemistry Module, and submitted on time*</td>
<td>Score at least 90% on any other 11 modules, all 11 submitted on time*</td>
<td>Score at least 90% on the Syllabus Quiz, and submitted on time*</td>
<td>Score at least 90% on the Learning Chemistry Module, and submitted on time*</td>
<td>Score at least 90% on any other 9 modules, all 9 submitted on time*</td>
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<tr>
<td>Score at least 90% on the Learning Chemistry Module, and submitted on time*</td>
<td>Score at least 90% on the Syllabus Quiz, and submitted on time*</td>
<td>Score at least 70% on the final exam</td>
<td>Score at least 90% on the Syllabus Quiz, and submitted on time*</td>
<td>Score at least 90% on the Learning Chemistry Module, and submitted on time*</td>
<td>Score at least 60% on the final exam</td>
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<td>Score at least 90% on any other 11 modules, all 11 submitted on time*</td>
<td>Score at least 90% on any other 10 modules, all 10 submitted on time*</td>
<td>Score at least 70% on the final exam</td>
<td>Score at least 90% on any other 9 modules, all 9 submitted on time*</td>
<td>Score at least 90% on any other 8 modules, all 8 submitted on time*</td>
<td>Score at least 50% on the final exam</td>
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<td>Score at least 80% on the final exam</td>
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<td>Score at least 60% on the final exam</td>
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* - recognizing that “life happens” each student is allotted four “tokens” for extensions. Each token represents a 24-hour extension. Requests for extensions must be requested by email to the instructor no later than 12 noon on the deadline day for a particular module. Thus, you could ask for four 24-hour extensions for four modules, a 96 hour extension for one module, or other combinations. Use these tokens wisely.

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