CHEM 111-05
General Chemistry I
Fall 2021
Dr. Wendy Cory
MWF 11:00-11:50
Classroom: JSC 233

Office Hours:
Wednesdays 1-2
Thursdays 1-2
On Zoom:
https://cofc.zoom.us/j/88513223114

Co-requisite CHEM 111L
Pre- or co-requisite MATH 111 or equivalent

Course Materials
1. ALEKS 360 Learning System Access, which automatically includes a digital version of our textbook: Chemistry: Atoms First, 4th edition, by Julia Burdge and Jason Overby.
https://www.aleks.com/sign_up
Register for our class using code is GACWX-DPDME
We will cover Chapters 1-11 in this class.

2. A non-graphing scientific calculator for exams. You should bring this to class every day. Cell phone calculators will not be permitted. Here is one example, but any non-graphing calculator that can do exponents is good:

Other class materials will be posted on our class OAKS page.

CHEM 111 Student Learning Outcomes
• Describe how to employ the scientific method
• Solve chemistry problems by employing mathematical techniques and chemical reasoning
• Understand how atoms interact covalently and non-covalently to form molecules and compounds
• Identify the properties of compounds
• Employ an understanding of chemical reactivity to analyze chemical reactions

Chemistry General Education Learning Outcomes
• Students apply physical/natural principles to analyze and solve problems.
• Students will develop an understanding of the impact that science has on society.
(Note: General Education Learning Outcomes will be assessed in the second semester course of the Science Gen Ed Sequence, CHEM 112)

If you are ill or under quarantine, do not come to in-person class.

coryw@cofc.edu
Office: SSMB 314

Course Modality: This course is an in-person class. If necessary, we may meet on Zoom (instructor illness or quarantine, weather events). Otherwise, we will follow the College’s rules concerning the need to pivot to hybrid or online learning.

Note: The syllabus is subject to change by the professor at any time. All changes will be announced in class and posted on OAKS.
Supplemental Instruction (SI): These are peer-assisted group study and problem solving sessions. Our SI for this class is Casey O’Brien. SI session times and locations will be announced in class. Attendance is not required but highly recommended, because they will be extremely helpful in preparing for quizzes and tests. Problem solving is a big part of this class and the best way to do well is to practice solving problems.

Attendance: If you miss class, it is your responsibility to find a classmate who will share notes with you. This is an in-person class and you are expected to attend. I will periodically monitor attendance.

If you are ill or under quarantine, do not come to class.

If you are ill or under quarantine, contact me by email ASAP. It is possible that I may be able to set up a Zoom version of our class meeting so that you can watch it during class time (synchronously.) This option will only be available to students who are unfortunate enough to be ill or quarantined and email me in advance so that I can take my laptop to school with me and arrange the Zoom link.

There will be no Zoom recordings.

Deportment: In this class, you are expected to be respectful of your teacher and other students. Talking and texting are prohibited. (Using a tablet to take notes is OK.) If you need to use these things, leave the room. It is important that you present yourself as a serious, professional student when dealing with faculty and other students in the class. One day you will be asking for letters of recommendation; start thinking now about what you want those letters to say about you.

Homework:

ALEKS 360: Assignments will be due throughout the semester. You will do your homework assigned online using the ALEKS homework program. You will also need paper, a pencil, and your calculator in order to do some of the ALEKS homework.

End-of-Chapter Problems: Other problems from the end of each chapter will be assigned as practice problems; you are advised to complete these to practice for upcoming tests, but these will not be turned in.

Quizzes: Quizzes will be given periodically. There will be no make-up quizzes. These quizzes will be given on OAKS and will be timed; they will be done outside of class. The format of these quizzes is subject to change.

Tests: There will be 5 tests plus the final exam; see schedule on next page of syllabus. If you know that you will miss a test for a school-sponsored event, you must e-mail me as soon as possible so that you can take the test early.

There are NO makeup exams. One test can be replaced with the final exam grade, this includes if you miss a test due to illness or quarantine. If you become ill or must quarantine, do not come to class.

Even if you have a good excuse, you may not miss more than one test. You will need to talk to me about dropping this class if you miss more than one test.
**Final Exam:** The final exam is cumulative over the entire semester and is a timed (110 minute) test. It is weighted to count as 15% of your overall grade. Do *NOT* be late. You should be on campus at least 30 minutes before the start of the final and should plan on being in your seat at least 5 minutes prior to the start of the final exam.

The following statement is from the Undergraduate Catalog:
Examinations must be taken at the time scheduled except when:
1. Two or more exams are scheduled simultaneously.
2. The student has three or more examinations within a 24-hour period.
Permission to reschedule one exam may be obtained from the Office of the Registrar with written permission of the instructor and must be obtained prior to the first day of the exam period.

**Test Schedule:** Because of possible hurricanes and the pandemic, the following are tentative dates for the exams. These dates are subject to change.

<table>
<thead>
<tr>
<th>Day</th>
<th>Date</th>
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</thead>
<tbody>
<tr>
<td>Test 1</td>
<td>W  September 13</td>
</tr>
<tr>
<td>Test 2</td>
<td>W  September 29</td>
</tr>
<tr>
<td>Test 3</td>
<td>M  October 25</td>
</tr>
<tr>
<td>Test 4</td>
<td>M  November 15</td>
</tr>
<tr>
<td>Test 5</td>
<td>M  December 6</td>
</tr>
<tr>
<td>Final exam</td>
<td>F  Dec 10, 8:00 – 10:00 am</td>
</tr>
</tbody>
</table>

The last day to drop with a grade of "W" is Friday, October 29.

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

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALEKS Prep Assignment</td>
<td>5%</td>
</tr>
<tr>
<td>Homework/Quizzes</td>
<td>20%</td>
</tr>
<tr>
<td>5 tests**</td>
<td>60%</td>
</tr>
<tr>
<td>Final Exam</td>
<td>15%</td>
</tr>
<tr>
<td></td>
<td>100%</td>
</tr>
</tbody>
</table>

**please note: a person who misses any of tests 1-5, for whatever documented/excused reason, including illness or quarantine, will have the final exam grade replace their missing test grade. Anyone who takes all 5 tests will have their lowest test grade replaced by the final exam.

If you are ill or under quarantine, do not come to class.
Grading Scale

<table>
<thead>
<tr>
<th>Letter</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>93-100</td>
</tr>
<tr>
<td>A-</td>
<td>90-92</td>
</tr>
<tr>
<td>B+</td>
<td>87-89</td>
</tr>
<tr>
<td>B</td>
<td>83-86</td>
</tr>
<tr>
<td>B-</td>
<td>80-82</td>
</tr>
<tr>
<td>C+</td>
<td>77-79</td>
</tr>
<tr>
<td>C</td>
<td>73-76</td>
</tr>
<tr>
<td>C-</td>
<td>70-72</td>
</tr>
<tr>
<td>D+</td>
<td>67-69</td>
</tr>
<tr>
<td>D</td>
<td>63-66</td>
</tr>
<tr>
<td>D-</td>
<td>60-62</td>
</tr>
<tr>
<td>F</td>
<td>Below 60</td>
</tr>
</tbody>
</table>

**Inclement Weather, Pandemic or Substantial Interruption of Instruction:** If the College of Charleston closes and members of the community are evacuated due to inclement weather, students are responsible for **taking course materials with them** in order to continue with course assignments consistent with instructions provided by faculty. In cases of extended periods of institution-wide closure where students have relocated, instructors may articulate a plan that allows for supplemental academic engagement despite these circumstances. All students must have access to a computer equipped with a web camera, microphone, and Internet access.

**Center for Disability Services:** If you are a student with a documented disability who will require accommodations in this course, you must provide the proper documentation in the form of a Professor Notification Letter (PNL) **during the first week of class**. If you are certified to have extra time on tests, **this will need to be arranged with the Center for Disability Services** so that you can take your tests at their location. For the Final Exam, I will need an envelope for this test **at least three school days before the exam** so that I can have it hand-delivered to the Center for Disability Services in time for you to take it there. No exceptions.

**Electronic Device Policy:** The use of wireless communication devices during class is prohibited other than to respond to a Cougar Alert announcement. Cell phones must be on “silent” ring. The use of any wireless communication device during a quiz, test, or final exam is a violation of the Honor Code.
Center for Student Learning (CSL): I encourage you to utilize the Center for Student Learning’s academic support services for assistance in study strategies and course content. They offer tutoring, Supplemental Instruction, study skills appointments, and workshops. Students of all abilities have become more successful using these programs throughout their academic career and the services are available to you at no additional cost. For more information regarding these services please visit the CSL website at http://csl.cofc.edu or call (843)953-5635.

Mental & Physical Wellbeing: At the college, we take every student’s mental and physical wellbeing seriously. If you find yourself experiencing physical illnesses, please reach out to student health services (843.953.5520). And if you find yourself experiencing any mental health challenges (for example, anxiety, depression, stressful life events, sleep deprivation, and/or loneliness/homesickness) please consider contacting the Counseling Center (professional counselors at http://counseling.cofc.edu or 843.953.5640.) These services are there for you to help you cope with difficulties and to maintain optimal physical and mental health.

Food & Housing Resources: Many CofC students report experiencing food and housing insecurity. If you are facing challenges in securing food (such as not being able to afford groceries or get sufficient food to eat every day) and housing (such as lacking a safe and stable place to live), please contact the Dean of Students for support (http://studentaffairs.cofc.edu/about/salt.php). Also, you can go to http://studentaffairs.cofc.edu/student-food-housing-insecurity/index.php to learn about food and housing assistance that is available to you. In addition, there are several resources on and off campus to help. You can visit the Cougar Pantry in the Stern Center (2nd floor), a student-run food pantry that provides dry-goods and hygiene products at no charge to any student in need. Please also consider reaching out to Professor Cory if you are comfortable in doing so.

Inclusion: The College of Charleston offers many resources for LGBTQ+ students, faculty and staff along with their allies.

Preferred Name and Pronoun Information
On Campus Gender Inclusive facilities
Campus Resources
College of Charleston Reporting Portals
National Resources for Faculty & Staff
GSEC Reports
Documenting LGBTQ Life in the Lowcountry (CofC Addlestone Library Special Collections Project)
College of Charleston Quality Enhancement Plan (QEP)
Articles about CofC and LGBTQ+ Issues
COVID-19 Reminders: For the health and safety of yourself and those around you, you are required to wear a face-covering over both your nose and mouth while inside all campus buildings (you should do the same inside other public buildings). This mask should fit well; there should not be gaps anywhere between your face and the mask. Also remember that students, faculty, and staff should not come to campus when they feel unwell.

Close Contacts and Infection
Anyone with known contact with someone who is infected with COVID is required to follow CDC and CofC guidance, which states that unvaccinated people quarantine themselves away from others for 10-14 days after the last known contact and additionally get tested (negative test results do not eliminate the need to quarantine), while vaccinated people monitor themselves for symptoms and, if they become symptomatic, begin quarantine and testing. Additionally, per the CDC, fully vaccinated people should get tested 3-5 days after their exposure, even if they don’t have symptoms, and wear a mask indoors in public for 14 days following exposure or until receiving a negative test result.

Students living in the same household as someone infected with COVID will need to consult Student Health on the length of their quarantine. If a new member of the household becomes sick, they will need to restart their quarantine.

Anyone who is sick should be tested for COVID and, upon receiving a positive test result, isolate from others for at least 10 days, regardless of vaccination status. Consult Student Health for whether you can come out of isolation after 10 days.

The CDC’s guidance has changed over the course of the pandemic as new data and new variants have emerged; check the latest info for yourself: [https://www.cdc.gov/coronavirus/2019-ncov/if-you-are-sick/quarantine.html](https://www.cdc.gov/coronavirus/2019-ncov/if-you-are-sick/quarantine.html) and find CofC’s info here: [https://cofc.edu/back-on-the-bricks/](https://cofc.edu/back-on-the-bricks/). The easiest thing to do is to contact Student Health about your particular situation to get their guidance: [https://studenthealth.cofc.edu/](https://studenthealth.cofc.edu/) If you cannot attend class due to a COVID-related situation, contact your instructors as soon as possible for help in making up assignments.

CofC Student Health requests that you inform them of positive COVID testing results and any close contact with someone who is COVID-positive, so they can monitor the campus health situation and give you personalized healthcare. CofC holds regular free testing events on campus for anyone in the campus community to get tested for COVID infection. CofC also holds free vaccination events on campus for all students. Vaccination remains the best way to protect yourself, your family, and those around you.