Chemistry 112 Spring 2015 Section 04 and 05

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

Schedule

<table>
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<tr>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
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<tbody>
<tr>
<td>10-12 Office Hours</td>
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<td>10-12 Office Hours</td>
<td>Office Hours By Appointment</td>
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Text: CHEMISTRY: Atoms First Second Addition by Burdge and Overby (Can use e-book or text)

Pre-requisite:
CHEM 111/111 Lab and MATH 111 are pre-requisites for the course.
Students who got a grade of “D” in CHEM 111 are encouraged if not required to retake the course before taking CHEM 112.

Co-requisite: Chem 112 Laboratory.
unless you have already taken the laboratory and are retaking this course to improve your grade. If you are enrolled in Chem 112L 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 112 & 112L) are graded independently of each other. Labs will begin the week of January 12th.

Drop/Add: In order to change sections or change courses you must do so no later than 5 p.m. Wednesday January 13, 2016. If you are repeating the lecture or lab and do not need to repeat the co-requisite 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 Friday March 18, 2016.
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 and will still count as credit hours for the school year. Express II begins Monday February 29, 2016 which is a good opportunity to pick up general elective credits so that you can maintain your scholarship. The Drop/ Add date is March 4, 2016 the Friday before Fall break and the date of our 3rd exam as Midterm grades do not come out Monday March 14, 2016. If you are holding out to see how you did on the 3rd exam before making the decision to withdrawal make sure you send Dr. Taylor an email so she can get an estimate of that 3rd exam score so you can make an educated decision. However, if you have failed the first two exams, you need to SERIOUSLY consider a withdrawal. I know you feel it will ruin everything, but it won’t it just may change your schedule or your timeline for life a bit.
Chemistry 112 Student Learning Outcomes:
- Demonstrate competency with all of the learning objectives stated for Chem 111 and Math 111
- Apply common mathematical techniques to describe the kinetic and thermodynamic processes related to chemical equilibria.

General Education Learning Outcomes:
1. Students apply physical/natural principles to analyze and solve problems.
2. Students will develop an understanding of the impact that science has on society.

These General Learning Outcomes will be assessed in the laboratory portion of this class.

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 or not you are present. 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 cyberspace. 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.

Students Needing Access Parity (SNAP) – We provide services and accommodations for students with disabilities (physical, psychological, learning or attentional) that have been documented by a qualified professional. Documentation must meet criteria published in the SNAP brochure and on our website http://disabilityservices.cofc.edu. Accommodations are decided on a case-by-case basis and are determined by the type and severity of the disability and the essential elements of the course the student is taking. Accommodations are designed to provide access to education and to circumvent or reduce the effect of the disability as much as possible, not to give advantage or guarantee success.
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.

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

Quizzes: 20% (Lowest Quiz score dropped)
Learn Smart Prep 5%
5 Exams: 50% (Lowest exam score dropped)
Final Exam: 25%

Grading Scale:

A 93-100%
A- 90-92%
B+ 87-89%
B 83-86%
B- 80-82%
C+ 77-79%
C 73-76%
C- 70-72%
D+ 68-69%
D 66-67%
D- 65%
F Below 65%

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) + 5 (0.05 * Learn Smart completion percentage) + (0.5 * exam score average) + (0.25 * final exam score)

Academic Integrity: Recommended Language for Course Syllabi

College of Charleston Honor Code and Academic Integrity

Lying, cheating, attempted cheating, and plagiarism are violations of our Honor Code that, when identified, are investigated. Each incident will be examined to determine the degree of deception involved.

Incidents where the instructor determines the student’s actions are related more to a misunderstanding will be handled by the instructor. A written intervention designed to help prevent the student from repeating the error will be given to the student. The intervention, submitted by form and signed both by the instructor and the student, will be forwarded to the Dean of Students and placed in the student's file.

Cases of suspected academic dishonesty will be reported directly by the instructor and/or others having knowledge of the incident to the Dean of Students. A student found responsible by the Honor Board for academic dishonesty will receive a XF in the course, indicating failure of the course due to academic dishonesty. This grade will appear on the student’s transcript for two years after which the student may petition for the X to be expunged. The F is permanent. The student may also be placed on disciplinary probation, suspended (temporary removal) or expelled (permanent removal) from the College by the Honor Board.

Students should be aware that unauthorized collaboration—working together without permission—is a form of cheating. Unless the instructor specifies that students can work together on an assignment, quiz and/or test, no collaboration during the completion of the assignment is permitted. Other forms of cheating include possessing or using an unauthorized study aid (which could include accessing information via a cell phone or computer), copying from others’ exams, fabricating data, and giving unauthorized assistance.

Research conducted and/or papers written for other classes cannot be used in whole or in part for any assignment in this class without obtaining prior permission from the instructor.

Students can find the complete Honor Code and all related processes in the Student Handbook at http://studentaffairs.cofc.edu/honor-system/studenthandbook/index.php

Electronics Device Policy: Devices that are prohibited in class at any time are: 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.
## Student Evaluation

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<th>Item</th>
<th>Percentage</th>
<th>Description</th>
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<tr>
<td>Problem Sets</td>
<td>0%</td>
<td>Homework will be posted on OAKS but only for your own edification and practice and a good place to start when coming to office hours with questions. You will want to try the suggested book problems as well as the problems in the Homework set. 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 quizzes, exams and final exam. However, Homework gives you an opportunity to practice more comprehensive and multi-step problems like will be asked of you in the aforementioned quizzes and exams.</td>
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<tr>
<td>Online Assignments</td>
<td>5%</td>
<td>All of the online assignments will be graded on completion only including the Learn Smart Prep Online Prep Module.</td>
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<td>Quizzes</td>
<td>20%</td>
<td>There will be in class or take home quizzes given on The quizzes will cover the most important topics discussed in the previous lecture(s). You will need a calculator for all quizzes. There are 11 scheduled quizzes and the lowest quiz will be dropped. All quiz questions will be worked out and posted on OAKS after the quiz has been taken. Once the answers are posted on OAKS <strong>THERE WILL BE NO MAKE UP QUIZZES</strong></td>
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<td>Exams</td>
<td>50%</td>
<td>There will be five 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. <strong>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.</strong> The answer will always be everything and difficult. 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 4-10 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.</td>
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<tr>
<td>General Assessment</td>
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<td>These will be assessed in the laboratory portion of this course (Chemistry 112L)</td>
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<td>Final Exam</td>
<td>25%</td>
<td><strong>Final Exam:</strong> The final will be comprehensive and given at 8 am in our classroom. It is the American Chemical Society standardized test for general chemistry. It will cover this semester’s material. <strong>You are given 110 minutes for this exam.</strong> 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 in the reserve section of the library and covers material for both general chemistry semesters or can be purchased online.</td>
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