Syllabus
CHM 2040.0004 # 89497
Chemistry Fundamentals IA
Fall 2016
4:30 – 5:50 PM Tuesday and Thursday CB2 0201

Instructor: Dr. Karin Y. Chumbimuni-Torres Karin.ChumbimuniTorres@ucf.edu
Office: Physical Science (PSB) 203
Office Hours: Tuesday 6:00 – 7:30 PM and Wednesday 10:00 to 11:30 AM.


Course goal: To provide you with an understanding of the basic chemical theory of atomic structure, periodicity, stoichiometry, chemical reactivity, and thermochemistry.

Topics to be covered: The topics to be covered in this course will include, but not be restricted to the scientific method, measurement, classification of matter, atomic structure, the periodic table, molecules, ions and their compounds, stoichiometry, stoichiometry in aqueous solutions, and thermochemistry.

Grading: All exams, except the final, will be given during regularly scheduled class time. Your grade will be calculated on the basis of a percentage of total points. There will be no curve and grades will be assigned based on: 90% - 100% = A, 80% - 89% = B, 70% - 79% = C, 60% - 69% = NC, < 60% = F. No Exams will be dropped. In the event that you are absent for an exam, the percentage score from your final exam will be substituted for the missed exam. The percentage grade from your final exam will replace your lowest exam grade (if higher) if you have no missed exams.

Four Exams will be 50 minutes each, with 20 questions, and will be worth 100 points each. The final exam will have 50 questions and will last 2 hrs 50 minutes. All exams will be cumulative, mandatory, and computer-graded multiple choice format. Five fifteen-minute quizzes will be given during the semester, the lowest quiz score will be dropped. Quizzes will be worth 25 points each.

NO GRAPHING CALCULATORS ARE ALLOWED!!! Any use of electronic device (iPod, cell phone, MP3 player, computer…) during exams is strictly prohibited. Any use of such device will be considered an attempt to cheat on the exam and will result in a 0 on the grade.

<table>
<thead>
<tr>
<th>Grading Summary</th>
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<tbody>
<tr>
<td>4- Exams @ 100 points each</td>
<td>400 points</td>
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<tr>
<td>1- Final exam</td>
<td>200 points</td>
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<tr>
<td>4- Quizzes @ 25 points each</td>
<td>100 points</td>
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<tr>
<td>Total</td>
<td>700 points</td>
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A student ID will be required for each exam. Calculators will be needed for the exams and the final. Exam questions will be taken from material covered in lecture, assigned reading, and suggested problems. Exams, including the final exam, will be computer graded. It is the responsibility of the student to have a clean, flat, pink Test form (Scantron) with UCF logo, and a number 2 pencil for each exam. Students without the test form will not be allowed to take the exam.
The instructor reserves the right to modify the schedule, the testing procedure, and the grading basis if, in the professional judgment of instructor, such modification is in the best interest of fulfilling the course objectives and assuring the academic integrity of the course and the institution.

Success in CHM 2040

UNDERSTANDING the various concepts is vital to learn chemistry.

Students who attend classes and work consistently typically do very well in the course. So, get to the lectures and discussion sessions with GTAs on time, concentrate, and pay attention to the material being covered.

Read the chapter in course before coming to the lecture.

Review the worked exercises/examples in the textbook. Also at the end of each chapter is a list of chapter goals. Those serve as helpful review tools. Find time to work on the suggested end-of-chapter problems.

The instructor strongly encourages you to use office hours for discussing the material covered in classes and reviewing exams.

Get assistance ASAP, if needed. Please make use of the Student Academic Resource Center (SARC); www.sarc.sdes.ucf.edu.

Student Disability

Please supply appropriate documentation and meet with the Student Disabilities Services, Farrell Commons, to discuss accommodations if required.

Chemistry Tutor: Worksheets will be used in the classes to review the concepts during the class you can buy this material at the book store.

Dropbox (an online virtual storage): Will be used to share files, such as power point classes, practice exercises, etc. You must use your Knights e-mail to join to Dropbox.

Homework (OPTIONAL): You have the option to work it out 50 problems from the book and return on the day of the test and get five points extra in your exams but not the FINAL, as follow:

1. Test 1: 25 problems from Chapter 1 and 25 problems for Chapter 2.
2. Test 2: 50 problems from Chapter 3
3. Test 3: 50 problems from Chapter 4
4. Test 4: 50 problems from Chapter 6 (return on the day of Quiz 5)

Students’ Academic activity

As of Fall 2014, all faculty members are required to document students’ academic activity at the beginning of each course. In order to document that you began this course, please complete the following academic activity by the end of the first week of classes, or as soon as possible after adding the course, but no later than August 26. Failure to do so will result in a delay in the disbursement of your financial aid.

TAKE a syllabus quiz through Webcourses before August 26!!!