Chem 102.005 General Chem Tutorial II – Spring 2013 Syllabus

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Office hours: MW 2:00 – 3:00 PM
Additional times by drop-in or appointment
Tutorial: M 8:00 – 8:50 AM STC 135

Required Materials:

Text: General Chemistry, 9th Edition, Ebbing, Gammon, Houghton Mifflin Company, New York, NY, 2009.
Supplies: Scientific calculator

Objective: This 1 credit hour course is designed to supplement Chem 1412 and reinforce the fundamental chemistry topics learned in lecture and lab. The tentative tutorial schedule correlates with the lecture schedule.

Outcome: Apply theoretical principles learned during lecture through problem solving. This course's focus will be on LeChatelier's Principle and Oxidation-reduction reactions.

Grading: Your grade will depend on the following factors:

Quizzes	50%
Attendance	50%

A = 100-90; B = 89-80; C = 79-70; D = 69-60; F = below 60

Quizzes: 5-10 minutes long, given at the beginning of each class. If you are late, you will get whatever amount of time is left to complete the quiz. Quizzes include easy to moderate free-response questions and are meant to help you evaluate yourself and receive feedback prior to exams. Any missed quiz is scored as a zero and the lowest quiz score will be dropped.

Attendance: You are expected to attend class and are responsible for any material presented or handed out even if you are not in attendance. Late arrival or early departure by more than 5 minutes will be considered absent.

Academic Integrity: Research and learning in chemistry relies heavily on collaborative efforts. You are encouraged to study with other students in and out of class, but anything submitted for an individual grade must represent your own knowledge and understanding of the material. Any student caught cheating will receive, at a minimum, a zero on the item.

Disability Accommodations: Students requiring accommodations for a disability should contact Office of Student Disability Resources and Services, Texas A&M University-Commerce, Halladay Student Services Building, Room 303 A/D, Phone (903) 886-5150 or (903) 886-5835, Fax (903) 468-8148, studentdisabilityservices@tamuc.edu. Then provide documents and schedule arrangements with the instructor at the beginning of the term.

Tentative Schedule:

Week	Date	Topics
1	1/14	Introduction/Syllabus Ch. 12: Solutions
2	1/21	MLK Holiday
3	1/28	Ch. 13: Chemical Equilibrium Ch. 14: Rates of Reaction
4	2/4	Ch. 14
5	2/11	Ch. 14
6	2/18	Ch. 15: Acids and Bases Ch. 16: Acid-Base Equilibria
7	2/25	Ch. 16 Ch. 17: Solubility and Complex-Ion Equilibria
8	3/4	Ch. 17
	3/11	Spring Break
9	3/18	Ch. 18: Thermodynamics and Equilibrium
10	3/25	Ch. 18 Ch. 19: Electrochemistry
11	4/1	Ch. 19
12	4/8	Ch. 19
13	4/15	Ch. 23: Organic Chemistry
14	4/22	Ch. 23 Ch. 20: Nuclear Chemistry
15	4/29	Ch. 21-22: Main Group and Transition Elements