

## Chemistry 4

**Bob Altermatt**

**Section 1184, Fall 2008**

**Tues/Thurs Rms 101 & 164**

voice mail pager: (310) 290-4955

Prerequisite: Math 70 or equivalent

**Required materials:** Cracolice/Peters, Introductory Chemistry, 3<sup>rd</sup> ed.; McLeod, et. al., Chemistry 4 Supplement; safety goggles (instructor approved).

<b>Grading:</b>	Exams (3 x 100 pts)	300
	Quizzes (10 pts ea)	
	(7 quizzes, drop lowest)	60
	Lab experiments/quiz	140
	<u>4<sup>th</sup> exam/comprehensive final</u>	<u>200</u>
	Total	700

Final letter grades will be assigned based on the following:

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

**Quizzes and Tests:** Programmable calculators may not be used during a quiz or exam. If you miss a quiz or a test, you will receive a zero. As a general rule, there will be no make-up exams except in extreme circumstances. If anything, make-up exams will be harder than the regular exam.

**Lab:** Bring a blank copy of the experimental procedure/worksheet. Late students may be penalized or not permitted to perform the experiment at all. Do not copy the results of other students or bring completed worksheets from a previous semester. Read the experiment before you come to class. If you drop the course, you must check out of your lab drawer and have a card signed by the stockroom.

You must wear your goggles in the lab.

Open toe shoes can not be worn during lab experiments.

**Attendance:** Attendance will be taken. Students with excessive absences may be dropped from the course. It is your responsibility to withdraw by the appropriate date in order to avoid receiving a grade of "F".

**Homework:** I will make recommendations on problems to work at home, but not necessarily for every chapter. We will go over many of the problems from the text in class. If I am not satisfied with the overall progress of the class, then I will start assigning homework and grading it for inclusion in your final point total.

## Schedule - CHEM 4, Sect 1184

Wk	Date			Topic	Chapter
1	26-Aug 28-Aug	T Th		Introduction/Matter & Energy Measurements & Calculations/lab safety	1, 2 3
2	2-Sep 4-Sep	T Th	Quiz	Introduction to Gases check-in/Lab 1	4
3	9-Sep 11-Sep	T Th	Quiz	Atomic Theory Lab 2	5
4	16-Sep 18-Sep	T Th	Exam - Chapters 2 - 5	Chemical Nomenclature Lab 7	6, 7
5	23-Sep 25-Sep	T Th		Chemical Formual Relationships Lab A	7
6	30-Sep 2-Oct	T Th	Quiz	Chemical Reactions and Equations Lab 5	8
7	7-Oct 9-Oct	T Th	Quiz	Quantitative Relationships in Reactions Lab 3	9, 10
8	14-Oct 16-Oct	T Th	Exam - Chapters 6 - 10	Quantum Model of the Atom Lab 6	10, 11
9	21-Oct 23-Oct	T Th		Chemical Bonding/Structure and Shape Lab 11	12, 13
10	28-Oct 30-Oct	T Th	Quiz	The Ideal Gas Law Lab B	14
11	4-Nov 6-Nov	T Th	Quiz	Gases, Liquids and Solids Lab 10	15
12	11-Nov 13-Nov	T Th	Exam - Chapters 11 - 15	Solutions Lab 10	16
13	18-Nov 20-Nov	T Th		Solution Stoichiometry Lab 12	16, 17
14	25-Nov 27-Nov	T Th	vacation	Acid-Base Reactions	17, 18
15	2-Dec 4-Dec	T Th	Quiz	Chemical Equilibria Lab 12	19
16	9-Dec 11-Dec	T Th	Final Exam	Electrochemistry Lab Check-out	19, 20