

Chem 1212K - Principles of Chemistry II

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You must email me from your myUWG account or I will not respond.

Text: **Chemistry–The Molecular Nature of Matter and Change**, 4th edition, Silberberg

Attendance is mandatory. A student will be awarded a failing grade in the course if more than 30% of laboratory activities are missed. No make-up exams will be given.

Grading:	Workshop	15%	
	Activities	20%	
	Exams	65%	4 exams + final (13% each)

The final will be the American Chemical Society standardized test which will cover both Chemistry 1211 and 1212. A standard 10 point scale will be used. If you miss an exam for any reason your final exam score will replace that exam. No extra time will be given for exams, so please arrive on time. **No extra credit will be offered. Cheating will not be tolerated. Any infraction will be taken before the disciplinary committee and played out to the fullest extent.**

Syllabus Spring 2008: Tentative Schedule

<u>Chapter:</u>	<u>Subject:</u>	
11	Theories of Covalent Bonding	
12	Intermolecular Forces	
13	The Properties of Mixtures	
	Exam I	Wednesday, January 30
16	Kinetics	
17	Equilibrium	
	Exam II	Wednesday, February 27
18	Acid-Base Equilibria	
19	Ionic Equilibria	
	Exam III	Wednesday, March 26
20	Thermodynamics	
21	Electrochemistry	
	Exam IV	Monday, April 28
	Final Exam	Friday, May 2, 2 pm - 4 pm

Learning Outcomes: Students are expected to acquire a basic understanding of the following topics: intermolecular forces, solutions, kinetics, equilibria, thermodynamics and electrochemistry. They are also expected to acquire an awareness of the role of Chemistry in everyday life. Students will also learn to apply the scientific method in laboratory activities, collect and analyze scientific data and formulate appropriate conclusions from the data analyses and communicate their findings.