

Chemistry 1210 – Summer 2006

Instructor: Dr. Thomas G. Richmond, HEB 2404, 801-581-7487 Richmond@chem.utah.edu
Office Hours: Monday & Wednesday, 11:30 AM – 12:45 PM
(*You are welcome to stop by my office anytime.*)

Secretary: Lori Walk, HEB 2108, 801-581-5074, LWALK@chem.utah.edu

Lecture: Monday, Wednesday & Friday, 10:00 – 11:30 AM, HEB 2008

Discussion: Tuesday & Thursday as listed in the course schedule.

EXAMS: **Fridays**, 10:00-11:30 AM: June 2, June 23, July 14

Final Exam: Friday, August 4, 10:00 AM – 12:00 Noon

No Early, Late or Make-up Exams or “Extra Credit.”

Text: Brown, LeMay, Bursten & Murphy, *Chemistry: The Central Science (10th ed)*

This is a first semester class in General Chemistry for Science Majors. You should also be enrolled in the laboratory course CHEM 1215 as it is required for most majors that require CHEM 1210. College Algebra (Math 1050 or equivalent) is a recommended prerequisite.

We will cover the first 13 chapters of the text. I will assume that you *already know* the names and symbols of the first 36 elements, the names and formulas for common cations (Table 2.4), common (polyatomic) anions (Table 2.5) and can identify the diatomic elements (Figure 2.19). If this is not the case, please memorize this information now. You should learn the meaning and application of the SI Prefixes in Table 1.5. You will need a scientific calculator capable of log/exponential functions and scientific notation for this course. You may NOT use a more sophisticated device capable of storing alphanumeric data or special equation solving capability. This same rule will be enforced in CHEM 1220. Buy (~\$10.00) or otherwise obtain an appropriate calculator now and learn how to use it!

The Final Grade in this course will be based on total points earned from the highest 2 midterm exams and the final exam. If you miss a midterm, that score (0) will be dropped. Any requests for regrades must be turned into Professor Richmond the same week the exam is returned. In addition, the best 6 of 8 quizzes given in discussion section will be included in your total points.

Exam 1	Friday, June 2	90
Exam 2	Friday, June 23	90
Exam 3	Friday, July 14	90
Quiz Total	Best 6 of 8	60
Final Exam (10 AM–12 Noon)	Friday, August 4	120
Total Possible Points	(Best 2 of 3 Midterms)	360

Please consult with the Center for Disability Services, Room 162, Olpin Union (801-581-5020) to arrange for any special accommodations required to meet the expectations of this course.

All students will be subject to the University of Utah Student Code. (<http://www.sa.utah.edu/code/>)

CHEMISTRY 1210 – Summer 2005 – Course Schedule

MAY M 15		1: Matter and Measurement	
T 16			
W 17		2: Atoms, Molecules, & Ions	
H 18			
F 19	Lecture!		
M 22			
T 23	Quiz 1		
W 24	Last Day to Delete Class	3: Stoichiometry	
H 25			
F 26	No Lecture		
M 29	Memorial Day	No Lecture	
T 30	Quiz 2		
W 31			
JUNE H 1			
F 2	EXAM 1		
M 5		4: Aqueous Reactions	
T 6	Exam Returned		
W 7			
H 8	Quiz 3	<i>Based on Exam 1</i>	
F 9	No Lecture		
M 12		5: Thermochemistry	CHEM 1200 Starts
T 13	Quiz 4		
W 14			
H 15			
F 16	No Lecture		
M 19		6: Electronic Structure	
T 20	Quiz 5		
W 21			
H 22			
F 23	EXAM 2	<i>Last Day to Withdraw</i>	
M 26		7: Periodic Properties	

T 27	Exam Returned		
W 28		8: Chemical Bonding	
H 29	Quiz 6	<i>Based on Exam 2</i>	
F 30	No Lecture		
JULY			
M 3	No Lecture	No Lecture	
T 4	Independence Day	No Discussion	
W 5			
H 6			
F 7	Lecture!	9: Molecular Geometry & Bonding	
M 10			
T 11	Quiz 7		
W 12			
H 13			
F 14	EXAM 3		
M 17		10: Gases	
T 18	Exam Returned		
W 19		11: Intermolecular Forces: Liquids/Solids	
H 20	Quiz 8	<i>Based on Exam 3</i>	
F 21	No Lecture		
M 24	Pioneer Day	No Lecture	
T 25			
W 26		13: Solutions	
H 27			
F 28	Lecture!		
M 31			
AUGUST			
T 1			
W 2		12: Modern Materials	
H 3	Review Sessions	Times & Places to be Determined	
F 4	FINAL EXAM	10:00 AM – 12:00 NOON	