Chemistry 210 – General Chemistry II

Summer 2008

Class: 9:45-11:45am MTWH (SL102) **Lab: 12:30pm-4:30pm TH (SL302)**

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Office hours: Monday/Wednesday 12-2, Friday 9-12

Required Material: An appropriate textbook is recommended
Laboratory notebook with carbon-copy pages (MSUM bookstore)
Experiments for General Chemistry Lab II (Chem Dept)
Safety Goggles (Chem Dept)

CHEM 210 General Chemistry II [B1] (4)
General chemistry principles: kinetics, chemical equilibrium, acid-base chemistry, solubility equilibrium, thermodynamics, oxidation-reduction, electrochemisty, coordination chemistry, and nuclear chemistry. Lab included. Prerequisite: CHEM 200

Class Web Site: http://www.mnstate.edu/bodwin/
A website for this course is being developed/constructed which contains information relevant to the class including all handouts. Any feedback regarding additional content or links that would be useful on the Chem 210 website is welcome.

Grading:

Grades will be based on 4 exams (100pts each), a final exam (200pts), and lab grade (200pts).

Exams	4 x 100 = 400pts
Final Exam	200pts
Lab grade	200pts
Total Points	*800pts*

Tentative grade assignments are: A = 90-100%, B = 80-90%, C = 70-80%, D = 60-70%. These cutoffs *may* be lowered at the instructor's discretion, but they will not be raised.

Regular and punctual attendance is expected and may be recorded. Late arrival on exam days is not acceptable as it disturbs those who arrive on time; therefore, no exams will be distributed after the test period has begun. If you anticipate that this will be a problem, let me know **BEFORE** the exam. There will be no make-up exams. Exams will be closed book and a calculator will typically be allowed. The Final Exam will be cumulative. Anyone who does not take the final exam will receive a grade of "F" for the course regardless of previous performance. A passing grade in both the lab and classroom portion is required to receive credit for the course.

Academic Honesty
Cheating will not be tolerated and will be reported to the Dean of your College and the Vice President for Academic Affairs. It may also be reported to the Student Conduct Committee for further disciplinary action. For a full description of the MSUM Academic Honesty Policy, please see the Student Handbook. {http://www.mnstate.edu/sthandbook/POLICY/index.htm}

Disability Access Statement: Students with disabilities who believe they may need an accommodation in this class are encouraged to contact Greg Toutges, Coordinator of Disability Services at 477-2652 (phone) or 477-2047 (TTY), CMU 222 as soon as possible to ensure that accommodations are implemented in a timely fashion.

Tentative Course Schedule

Day, Date	Topic	Lab
July 7	States of Matter	
July 8	Kinetics	Freezing Point Depression
July 9	Kinetics	
July 10	Kinetics	Iodination of Acetone
July 14	Exam #1, Equilibrium	
July 15	Equilibrium	Calcium Iodate
July 16	Equilibrium	
July 17	Equilibrium	Iron Thiocyanate
July 21	Exam #2, Acids & Bases	
July 22	Acids & Bases	Acetic Acid
July 23	Acids & Bases	
July 24	Acids & Bases	Titrations, Indicators and Buffers
July 28	Exam #3, Thermodynamics	
July 29	Thermodynamics	Qualitative Analysis
July 30	Thermodynamics	
July 31	Thermodynamics	Voltaic Cells
August 4	Exam #4, Redox	
August 5	Redox	Practicum
August 6	Redox, Nuclear	
August 7	Final Exam	