

Chemistry 210 – General Chemistry II Summer 2010, MTWR 8:20-10:30am (SL102)

Dr. Jeffrey J. Bodwin
Hagen 407H

477-4371 (office)

bodwin@mnstate.edu
<http://www.mnstate.edu/bodwin/>

Office hours: {Office hours subject to change, check web page}

Required Material: None
Suggested Materials: A recent General Chemistry textbook
Scientific calculator

CHEM 210 General Chemistry II (3)

General chemistry principles: kinetics, chemical equilibrium, acid-base chemistry, solubility equilibrium, thermodynamics, oxidation-reduction, electrochemistry, coordination chemistry, and nuclear chemistry. Should register for CHEM 210L to be taken concurrently. Prerequisite: CHEM 150

Class Blog: msumgenchem.blogspot.com

A class blog is being used for Chem 210.

- All class announcements will be posted to the class blog
- Any questions that I receive via email will be answered to the blog and only to the blog.
- The blog permits anonymous comments. If you have questions about a day in class or a problem that is posted, you may respond/comment without your identity being revealed.

Grading:

Grades will be based upon 3 of 4 exams (150pts each, July 6, 12, 19, 26), and a final exam (200pts).

Exams	3 x 150 =450pts
Final Exam	200pts
<i>Total Points</i>	<i>650pts</i>

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. No graphing/programmable calculators, no cell phone/iPod calculators, and no sharing of calculators during the exams. 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.

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 477-5859 (Voice) or 1-800-627-3529 (MRS/TTY), CMU 114 as soon as possible to ensure that accommodations are implemented in a timely fashion.

Tentative Lecture Schedule

Day, Date	Topic	Lab
June 28	States of Matter	
June 29	Kinetics	Freezing Point Depression
June 30	Kinetics	
July 1	Kinetics	Calcium Iodate
July 5	<i>No classes</i>	
July 6	Exam #1, Equilibrium	Iodination of Acetone
July 7	Equilibrium	
July 8	Equilibrium	Iron(III) Nitrate + KSCN
July 12	Exam #2, Acids & Bases	
July 13	Acids & Bases	Acetic Acid
July 14	Acids & Bases	
July 15	Acids & Bases	Standardization
July 19	Exam #3, Thermodynamics	
July 20	Thermodynamics	Titrations, Indicators and Buffers
July 21	Thermodynamics	
July 22	Thermodynamics	Qualitative Analysis for Metal Ions
July 26	Exam #4, Redox	
July 27	Redox	Voltaic Cells
July 28	Redox, Nuclear	
July 29	Final Exam	