

# Chemistry 210 – General Chemistry II

Spring 2010, MWF 8:30-9:20pm (SL104)

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

**Required Material:** “Chemistry: A Molecular Approach”; Tro  
Mastering Chemistry {MC} System access (online homework system)

## 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](http://msumgenchem.blogspot.com)

A class blog is being used for Chem 210 this semester.

- All class announcements will be posted to the class blog
- After each day's class, I will post a *brief* summary of the day's class. These will not be “lecture notes”, but a way for all of us to keep track of what's happening in class.
- 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, tentative dates Jan. 27, Feb. 24, Mar. 29, April 28), MC assignments (100pts), and a final exam (200pts).

Exams	3 x 150 =450pts
MC	100pts
<u>Final Exam</u>	<u>200pts</u>
<i>Total Points</i>	<i>750pts</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 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.

Mastering Chemistry assignments will be made on a regular basis relating to the current lecture material. Sufficient time will be given between lecture and the MC deadlines that no extensions will be required. MC assignments will relate to material that has already been addressed in class, so do not wait until the last day to start working on them. Although MC is a very useful tool, it is not sufficient to *only* do the MC problems. Regularly attempting the problems in the text will also be required for your success.

## 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

Dates	Chapter
Jan. 11-15	5,11 – States of Matter
Jan. 20-25	12 – Solutions
Jan. 27	Exam 1
Jan. 29 - Feb. 8	13 – Chemical Kinetics
Feb. 10-22	14 – Chemical Equilibrium
Feb. 24	Exam 2
Feb. 26-Mar. 8	15 – Acids & Bases
Mar. 10-26	16 – Aqueous Ionic Equilibria
Mar. 29	Exam 3
Mar. 31-April 16	17 – Free Energy and Thermodynamics
April 19-26	18 – Electrochemistry
April 28	Exam 4
April 30	19 – Nuclear Chemistry
May 3	Review
May 11	Final Exam, 9am