

## Chemistry 210 – General Chemistry II

MWF 9am/10am (SL104)

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### Office hours:

M (11-1), T (9-11,2-4), W (3-5), F (11-1)  
Other times may be arranged if necessary.

### Required Material:

“Chemistry: The Molecular Science”; Moore, Stanitski and Jurs  
OWL (On-Line Web-Based Learning) System access

### CHEM 210 General Chemistry II [B1] (4)

General chemistry principles: kinetics, chemical equilibrium, acid-base chemistry, solubility equilibrium, thermodynamics, oxidation-reduction, electrochemistry, coordination chemistry, and nuclear chemistry. Lab included.

### Class E-Mail List:

[chem210jb@mnstate.edu](mailto:chem210jb@mnstate.edu)

An email listserv has been created for this class. It will be used for class announcements including OWL assignment. It is also where I will respond to all email questions. If you have questions, you can either email them to the list or to me directly. All relevant questions mailed to me directly will be answered to the list with the questioner's identity removed. To subscribe to the list, send an email to “majordomo@mnstate.edu” with “subscribe chem210jb” in the body. This should be done as soon as practical from the email account you are most likely to check on a regular basis.

### Class Web Site:

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

A website for Chem 210 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 upon 3 out of 4 exams (150pts each, approximate dates Jan. 28, Feb.23, Mar.23, Apr.22; each exam will cover approximately 2 chapters), OWL assignments (100pts), a final exam (200pts), and the laboratory grade (250pts).

Exams	3 x 150 =450pts
OWL	100pts
Final Exam	200pts
<u>Lab grade</u>	<u>250pts</u>
<i>Total Points</i>	<i>1000pts</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.

You lab grade is 25% of your course grade and is determined by your lab instructor. At the end of the semester, your lab and lecture grades will be combined using the point breakdown shown above, with your performance in lab scaled to 250 points.

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 required. The Final Exam will be cumulative.

OWL assignments will be made on a regular basis relating to the current lecture material. Sufficient time will be given between lecture and the OWL deadlines that no extensions will be required. Although OWL is a very useful tool, it is not sufficient to *only* do the OWL problems. Regularly attempting the problems presented in the text will also be required for your success.

### Tentative Lecture Schedule

Dates	Chapter
Jan. 12-19	11 – Liquids, Solids and Materials
Jan. 21-26	15 – The Chemistry of Solutes and Solutions
Jan. 31-Feb. 9	13 – Chemical Kinetics: Rates of Reactions
Feb. 11-21	14 – Chemical Equilibrium
Feb. 25-Mar. 4	16 – Acids and Bases
Mar. 7-21	17 – Additional Aqueous Equilibria
Mar. 28-Apr. 8	18 – Thermodynamics: Directionality of Chemical Reactions
Apr. 11-20	19 – Electrochemistry and Its Applications
Apr. 25-27	10 – Gases and the Atmosphere
Apr. 29-May 2	20 – Nuclear Chemistry
May 4	Catch up/Final Exam review
May 6	Final exam, 9am (9am section)
May 10	Final exam, noon (10am section)

### 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.