

Chemistry 200 – General Chemistry I Winter 2006, T/H 3:30-4:45pm (SL118)

Dr. Jeffrey J. Bodwin
003 Science Lab

477-4371 (office)

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

Office hours:

M (10-12, 3-5), T (11-1), R (8-10), F (10-12)
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 200 General Chemistry I [B1] (4)

General chemistry principles: atomic structure, stoichiometry, solutions, bonding, periodic properties of the elements, thermochemistry, and properties of solids, liquids and gases. Lab included. Safety exam must be passed to remain in CHEM 200 or subsequent lab courses. One of the following is required: a minimum MnSCU math placement exam score, a minimum ACT mathematics score, or successful completion of MATH 099.

Class E-Mail List:

chem200jb@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 chem200jb” 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 200 is being developed/constructed which contains information relevant to the class including all handouts and exam answer keys. Any feedback regarding additional content or links that would be useful on the Chem 200 website is welcome.

Grading:

Grades will be based upon 3 of 4 exams (150pts each, approximate dates Jan. 31, Feb. 28, Mar. 23, Apr. 27), OWL assignments (100pts), a final exam (200pts), and the lab 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. Anyone who does not take the final exam will receive a grade of "F" for the course regardless of previous performance.

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.

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 Lecture Schedule

Dates	Chapter
Jan. 10-11	1 - The Nature of Chemistry
Jan. 17-19	2 – Atoms and Elements
Jan. 24-26	3 – Compounds
Jan. 31	Exam 1
Feb. 2-9	4 – The Mole
Feb. 14-23	5 - Reactions
Feb. 28	Exam 2
Mar. 2-21	6 – Energy
Mar. 23	Exam 3
Mar. 28 – Apr. 4	7 – Electron Configurations and the Periodic Table
Apr. 6-13	8 – Covalent Bonding
Apr. 18-25	VSEPR and Intermolecular Forces
Apr. 27	Exam 4
May 2	Review
May 10	Final Exam, 3pm