

Chemistry 150 – General Chemistry I

Fall 2011, MWF 8:30-9:20am (SL104)

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Hagen 103E/407H

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

Required Material: “Chemistry: The Molecular Science” 4th Edition; Moore, Stanitski & Jurs
Online Web Learning {OWL} System access (online homework system)

CHEM 150 General Chemistry I [3I 3 3L] (3)

General chemistry principles: atomic structure, stoichiometry, solutions, bonding, periodic properties of the elements, thermochemistry, and properties of solids, liquids and gases. Should register for CHEM 150L (lab) to be taken concurrently. Must have completed an acceptable placement score, a minimum ACT mathematics score, or successful completion of MDEV 127. MnTC Goal 3.

Class Blog:

msumgenchem.blogspot.com

A class blog is being used for Chem 150 this semester.

- 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.

Online Web Learning (OWL)

Course ID: c150f2011jb

Access to the online homework system is required. 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 in the text and old exam/problem sets will also be required for your success. A score of zero for OWL will result in a grade of “F” for the course regardless of exam performance.

Grading:

Grades will be based upon 3 of 4 exams (150pts each, Sept. 19, Oct. 17, Oct. 31, Nov. 28), OWL assignments (100pts), and a final exam (200pts, Dec. 12, 9am).

Exams	3 x 150 =450pts
OWL	100pts
Final Exam	200pts
<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.

Exams will be on Monday evenings from 6-8pm on the dates listed above. If you have a legitimate conflict with an exam, let me know as soon as possible. There will be no make-up exams without advanced notice. Your 3 highest exam score will count, the lowest (for whatever reason) will be dropped. 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.

No graphing/programmable calculators, no cell phone calculators, and no sharing of calculators during the exams. If your calculator cost more than \$30 or is much more advanced than a TI-30, it is probably not allowed. Be sure to use your exam calculator for all of your homework problems; during an exam is *not* the best time to be trying to learn how to use your calculator.

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 Judicial Affairs Officer and 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, Director of Disability Services at 477-2131 (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	
Aug. 22-26	1 – The Nature of Chemistry	
Aug. 29-31	2 – Atoms and Elements	
Sept. 2-9	3 – Chemical Compounds	
Sept. 12-19	10 – Gases and the Atmosphere	
Sept. 19	Exam 1 – 6-8pm, SL104	
Sept. 19-30	4 – Quantities of Reactants and Products	
Oct. 3-Oct. 14	5 – Chemical Reactions	
Oct. 17	Exam 2 – 6-8pm, SL104	
Oct. 17-31	6 – Energy and Chemical Reactions	
Oct. 31	Exam 3 – 6-8pm, SL104	
Oct. 31-Nov. 7	7 – Electron Configurations and the Periodic Table	
Nov. 11-16	8 – Covalent Bonding	
Nov. 18-28	9 – Molecular Structures	
Nov. 28	Exam 4 – 6-8pm, SL104	
Nov. 30-Dec. 2	Special Topics	
Dec. 5	Review	
Dec. 12	Final Exam – 9-11am, SL104	