

General Chemistry 1
CHEM 1201 - Fall 2012
Professor John Hopkins

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Contact information:

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Office hours: Tu/Thur 10:30 - 12:00 noon, 1:30-2:45 pm

Textbook: Class NoteBook: CHEMISTRY 1201; Fall 2012, sold in Class by Vietnamese Student Organization. You will need a 3-Ringed Binder for 300 pages.
Textbook: Chemistry - The Central Science by Brown, LeMay, Bursten, 11th edition

Course Website: <http://chem-faculty.lsu.edu/hopkins/chem1201.html>

What to bring to class every day:

1. Read over each lecture in advance. **You will be quizzed on this knowledge at the beginning of every lecture.**
2. Class NoteBook in binder for taking notes
3. Periodic table for in class discussion problems
4. Calculator for in class discussion problems
5. Turning Point Instant Response System
6. Colored pens for note taking
7. Extra 3-hole punched paper in your binder

Course Outline and Coverage: You are responsible for all of the material in the Class NoteBook. We will cover all of the material in exactly the same order as it is presented in the Class NoteBook. **See: Table Of Contents in Class NoteBook for detailed list of course content.**

Course Activities:

1. **Lecture:** Lectures consist of short mini lectures followed by student discussion and problem solving. **Each lecture begins with a quiz** on something from your advanced reading of the lecture. Student answers are submitted using the Turning Point Instant Response system available from the Union bookstore. You will work in groups of three students. I call these in class "clicker questions," **In Class Quizzes.** You should **discuss** your thinking before answering. The in class quiz grade will be calculated as $(\# \text{ correct} + 10) / (\text{total possible})$. There are 10 free clicker points awarded to allow you 2 days of excused absences. Note that clicker points are awarded for correct responses only. **No points are awarded for incorrect answers.**

2. **Homework:** We will be using the online internet website WebAssign for viewing and submitting homework. Please note that all homework assignments are due at 11:58 PM. To use WebAssign, you must have **(1)** A username and password **from your instructor**, **(2)** Purchase a WebAssign access card from the Customer Service desk in the Union. You can also purchase your access card online directly from WebAssign much more cheaply than it is sold in the Union Bookstore. The URL is <http://www.webassign.net/student.html>
3. **Clicker Review Assignments:** After each lecture there will be an assignment on WebAssign that contains 2 to 3 questions similar to the clicker questions from that days lecture. This assignment only becomes visible on WebAssign after class is over and must be completed that day.
4. **Exams:** You will need a basic scientific calculator such as those labeled as certified for use on the SAT/ACT exam. I recommend the Ti-30X IIs as an excellent scientific calculator. ***Devices such as graphic calculators, cell phone calculators, PDA's, and laptop computers are not allowed to be used on the exam.*** For each exam you will need a #2 pencil and a large 8.5 x 11 inch scantron available for purchase in the Union bookstore. **What will be on the Exams?** You are responsible for all of the material in the Class NoteBook. The homework prepares you for the exam. **YOU MUST DO THE HOMEWORK TO SURVIVE IN THIS COURSE.** If your friend does your homework, you will almost certainly not do well on the exams. As a rule it is not necessary for me to curve the exams because most students do the homework and excel on the exams.
5. **Bonus Quizzes:** Before each exam there are a series of Bonus Quizzes that you can submit on Moodle. The Bonus Quizzes are the final step in your preparation for the in-class exam. They should be worked independently with the book closed!
6. **Supplemental Instruction (SI)** Student groups who work on problem solving outside of class.

GRADING SCHEME

I grade on a 10 pt scale, i.e. 60-69 D, 70-79 C, 80-89 B, 90-100 A. Each exam is curved independently as needed. Your grade in this course will be computed from the following work.

Three exams	45%
Final exam (cumulative)	30%
Homework on WebAssign	15%
Quizzes In class	10%
Bonus Exams	2% pts

SECOND CHANCES

STUPID POINTS: You can earn up to 7 **stupid points** on each exam by working the Moodle Quizzes. Stupid Points points are added directly into your exam scores to offset

stupid mistakes you may have made on the exam. The number of points you earn is related to the number of correct answers you have on the Moodle quizzes.

DROP EXAM: In past semesters 33% of the students in my class have improved their final grade by 1 letter grade. These students accomplished this by replacing their lowest exam score with their final exam score. How do you earn this privilege? You must show that you are trying your best on all of the course activities. This means you must **(1)** have a high class attendance record and have a clicker grade >75%. **(2)** You must do your best on the Moodle bonus quizzes by finishing the semester with a quiz average >70%.

WebAssign Homework Makeup: At the end of the semester there will be two bonus assignments on WebAssign. Each bonus assignment that you complete with a >70% score will qualify you to **drop an assignment** from your WebAssign homework grade.

Resources

Course Website: <http://chem-faculty.lsu.edu/hopkins/chem1201.html>

Grades: All exam, quiz, and semester grades

Practice Quizzes: Try Practice Quizzes on key topics

WebChemTutor: Practice problems with detailed solutions

Chapter Summaries: Description of connecting concepts

Help: Biology & Chemistry Tutorial Center, Room: 141B, Middleton Library Monday-Thursday: 10:00 am - 7:00 pm, Friday 10:00 – 3:00 PM (Phone: 578-7119)

How to do well in this class:

1. **Read** each days lecture material in advance. **Each lecture begins with a quiz** on something from your advanced reading of the lecture.
2. **Participate** in the In-Class work.
3. **Practice, Practice, Practice** on the WebChemTutor.
4. **Study** for the On-Line Timed Quizzes
5. **Consider** the homework as serious business.
6. **Work** many bonus quiz problems to achieve mastery
7. **Change** your habits to become a serious worker.

All exams will be at night 6:00 – 7:30 pm

Fall 2012 Exam Schedule		
Exam	Coverage	Date
Exam 1	Chapters 1-3	Tue Sep 18
Exam 2	Chapters 4-7	Tue. Oct 16
Exam 3	Chapter 8-10	Mon Nov 19
Final Exam	1,2,3,4,6,7,8,9,10,11	Sat Dec 8, 7:30 – 9:30 AM

Makeup Work: If you miss an exam due to an illness come to my office with documentation from your physician and I will explain how I will handle the missed exam. Missed or late homework cannot be made up.