

**General Chemistry I**  
**CHEM 101**  
**BRIEF COURSE OUTLINE**  
**Fall 2006**

**Instructor:** Dr. Bansi Kalra

**Office:** Dana 230

**Phone:** x6542

**Course Goals and Assessment**

This course will introduce you to the basic vocabulary used in different branches of chemistry, and to major concepts of the structure of matter (atomic and molecular), atomic theory, atomic spectra, periodic relationships dealing with the properties of elements based on their placement in the Periodic Table, stoichiometry, basic thermodynamics and thermochemistry, *with emphasis on problem solving*,

Taken in conjunction with General Chemistry I Lab (Chem 101L), this course fulfills the *Scientific Inquiry* perspective (**SCI**), as well as the second level *Quantitative Reasoning* (**Q**) requirement.

At least *ten* graded assignments, *two* quizzes, *two* tests and a *final exam* will test your understanding of the material dealing with these goals.

**Text** Chemistry: The Central Science; 10<sup>th</sup> Edition  
by Brown, LeMay and Bursten

(Study Guide: Optional but recommended)

**Lectures** Monday, Wednesday, Friday  
10:20-11:20 a.m.

**Dana 202**

**Course Assessment**

Tests (2)	40%
Quizzes (2)	25%
Assignments	10%
Final Exam	25%

- **All examinations, tests, and quizzes must carry a signed pledge.** Unsigned papers will not be graded until the student gives the assurance that the work is her own, and pledges it to be so.
- Tests and Quizzes will be given either **in class** or as **take-home** and will be **closed-book**. **Take-home tests/quizzes will be due the following class period. Penalty for not handing back the test/quiz on time will be a loss of 10 points per day.**
- All tests/quizzes are **timed**.
- The **Final Exam** will be a **comprehensive** test over **ALL** material covered in the class.

**Tentative Test Schedule:**

<u>Quizzes</u>	<u>Tests</u> (Cumulative)
Quiz 1: September 20	Test 1: October 11
Quiz 2: November 1	Test 2: November 29
Final Exam: During the final-exams week (under the Independent Exam System.)	

**Assignments:** Problems will be assigned and graded on a regular basis and will be due during the following class period. **Late assignments will NOT be accepted for CREDIT.**

- **Attendance: EVERY UNEXCUSED ABSENCE FROM CLASS WILL REDUCE YOUR GRADE BY 10% AND MORE THAN THREE UNEXCUSED ABSENCES WILL RESULT IN A GRADE OF F.**

*If for some unforeseen reason you cannot make it to a class, please call me or send me an email message.*

- If you are unable to write a test/quiz on the assigned day and time, you must get permission from the instructor, before the assigned day. Otherwise, no make-up test/quiz/exam will be given. **The score on a missed test/quiz/exam will be zero.**
- If you miss a class because of a medical problem, a note from your attending physician is required for an excused absence. For an excused absence from a class due to a required court appearance, or other unavoidable circumstances, **appropriate written proof is required.** *You are responsible for making up the missed work.*
- **Please check the dates** for tests, quizzes and exams, and, if possible, **do not make any medical appointments with your doctor or plane reservations (NOT considered as unavoidable circumstances)** that will keep you away from the class.
- ***To avoid disturbing the class, the doors to the classroom will be closed at the beginning of the class. Please make sure, you are seated by that time.***