Course Format: CHM 158 is an integrated lecture-laboratory course involving lectures and discussions MWF 12:00-1:07 pm in 195 HHS, recitations TH 12:00-12:55 pm in 190 HHS and laboratory work (Sections 10304, 10305, and 10307) in 230 HHS. Note that the recitation sessions are an integral part of the course. They will be used for answering questions about the lectures, the text material and the assigned homework problems.

Learning Objectives: The learning objectives for this course, in the form of a summary of facts and concepts and operational skills, are presented in the text at the end of each chapter.

Class Attendance: Attendance is not mandatory for the lecture or recitation sessions. However, you are responsible for all the material that is presented in the lectures and recitations.
Note: Attendance is mandatory for every laboratory session.

Homework

Homework will be assigned, but not collected and graded. However, success on quizzes and exams is closely related to the completion of all the assigned homework problems.

Tentative Lecture Schedule

1/4 – 1/20   Chapter 14
1/22 – 2/1    Chapter 15
2/6 – 3/8    Chapters 16 and 17
3/13 – 3/29  Chapters 6 and 19
3/31 – 4/10  Chapter 20
4/12 – 4/17  Chapter 18
Quiz and Exam Schedule (Scantron form No. 815 required for quizzes)
(Scantron form No.882 required for exams)

Quiz 1  Friday  1/20
Exam 1  Friday  2/3
Quiz 2  Friday  2/17
Exam 2  Friday  3/10
Quiz 3  Friday  3/24
Exam 3  Friday  4/7
Final Exam  Friday  4/21 8:00-11:00 am

Note: No “make-up” quizzes or exams will be given.

Note: If the university should close due to inclement weather or other emergency on a day when an exam is scheduled, the missed exam will be given during the next class.

Grading

Quizzes    3 x 50 points each   = 150 points
Exams      3 x 100 points each   = 300 points
Final Exam       = 200 points

Your grade for the lecture part of CHM 158 will be determined by your performance on the 3 quizzes, 3 exams, and the final exam. Your final grade in CHM 158 will be determined as follows: Lecture grade 80%, Laboratory grade 20%.

Note: By the seventh week of the semester, students who are not making satisfactory progress in the lecture part of the course will be notified by the on-line Banner system.
Note: If you are repeating this course, you may be able to waive the laboratory portion of the current course. You may choose to use the laboratory scores from the first course if: (1) your average in the laboratory portion of that course was at least 75% and (2) you were enrolled in that course no more than three years ago. If you wish to apply for a laboratory waiver, you must complete a General Chemistry Laboratory Waiver form. This form must be completed and returned to your current lecture instructor during the first week of the current semester. You must attend the laboratory portion of the course until the waiver is approved.

Homework

Chapter 14

1. Do all the in-chapter Exercises and Concept Checks

2. Do the following end-of-chapter Problems:
   23, 25, 27, 33, 37, 39, 43, 47, 49, 51, 53, 61, 63, 69, 73, 77

Chapter 15

1. Do all the in-chapter Exercise and Concept Checks

2. Do the following end-of-chapter Problems
   23, 25, 33, 37, 39, 47, 51, 55, 57, 59, 65, 67, 71, 73, 89