

Chemistry 111, Principles of Chemistry I

Fall 2009

Instructor: Dr. Jason Overby

Office: SCIC 331

Office Hours: MWF 10-11, M 1-2, W 1-2; others by arrangement

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Description of Course

An introductory course in chemistry emphasizing theoretical aspects and designed primarily for students who intend to take one or more additional courses in chemistry.

Co-requisites and prerequisites

Chem 111L must be taken concurrently. Unless students exempt Math 111 or have complete this course as a prerequisite, they are required to Math 111 as a co-requisite. If you need additional help with math skills, contact the Math Lab, 216 Education Center, 953-5635.

Text (required)

General Chemistry: The Essential Concepts, 5th Edition, Chang

The website for the text may be accessed at the following address:

<http://catalogs.mhhe.com/mhhe/viewProductDetails.do?isbn=0073311855>

You will also be required to purchase access to ARIS, the online homework platform used in this course. All chapter homework and quizzes will be administered through this online environment.

Online Homework

We will be using ARIS from McGraw-Hill as the source for all the graded homework and quizzes in this course. You will need to purchase an access code for this platform.

<http://mharis.com>

The required student section code required for your specific section can be found on my webpage on the Chem 111 Blog and on the Wall on the Facebook Group page. Make sure you choose the correct section that corresponds to your class time.

Supplemental materials

Please visit my homepage for up-to-date information concerning the course. Copies of the syllabus, exams and quizzes will be posted there as well as other important information related to the course.

Class policies

Attendance at all class meetings is recommended; however, attendance will not be recorded. You are expected to budget your time wisely and meet your obligations for this class. Experience has demonstrated that there is a strong correlation between your grade in the class and your attendance. You are responsible for learning the material when you miss class. My time in office hours is not for catching you up on material you missed. In the event you miss a lecture period, please check the course webpage for a synopsis of that day's lecture.

Please bring a calculator to all lectures and examinations as the course requires the use of a calculator. It is your responsibility to have one that can perform logarithmic and exponential functions. I cannot provide one if you forget yours during an examination or quiz.

Homework problems will be given but not collected. These are for your benefit and are intended as guides for material that may appear on the examinations and quizzes.

Grading Scale

A	92-100
A-	90-91
B+	88-89
B	82-87
B-	80-81
C+	78-79
C	72-77
C-	70-71
D+	68-69
D	62-67
D-	60-61
F	below 60

Grading Scheme

Examinations	65%
ARIS Homework	15%
Final Exam	20%

Grading Policy

While no exam scores will be dropped, the lowest of your four exam scores will only count 5% instead of 20%. Thus, the three highest exam scores will comprise 60% of the 65% of your final grade and the remaining 5% will result from the lowest exam score. Unless you have a valid, varified reason for missing an exam, a score of zero will be awarded for a missed exam. If you know you will be missing an exam, appropriate accomodations can be made in most cases.

The two lowest chapter ARIS scores will be dropped. These are intended as gauges of your comprehension and application of recently covered material as well as to encourage you to keep up with the readings and homework.

The Honor system is in effect in all your efforts for this course. Cheating will not be tolerated. If you are caught cheating, a grade of "F" will automatically be given and you will be brought before the Honor Board. Please refer to the Department's policy on Scientific Integrity for more information. By enrolling in this course, you are agreeing to abide by the Departmental policy on Scientific Integrity.

You are not competing against everybody else in the class nor is there a set number of grades that will be given. It should be your objective to do the best you can on all the work. I firmly believe that teachers do not give grades, students earn them.

Final Examination Information

The final examination is a standardized examination containing 70 multiple choice questions and was prepared by the American Chemical Society. This is a timed exam (110 minutes).

Important Dates

October 6 - Last day to withdraw from classes with the grade of "W"
October 12-13 - Fall Break
November 25-27 - Thanksgiving Break
December 7 - Last day of classes
December 16 - Final Exam, 4-7 pm