

Syllabus General Chemistry B

Chemistry 106 -Section 001

Spring 2009

Course Description: A study of chemical principles and reactions with emphasis on the development of a scientific attitude and an understanding of fundamental chemical concepts. Office Hours: Tu, Th 10:30am-11:30am, other times by appointment.

Review Sessions: Weekly and prior to each exam

Textbook: Chemistry, The Central Science, T.L. Brown, H.G. LeMay, and B.B. Burston, Prentice Hall, Inc., 10th ed., 2006 (with Math Review Kit and Media Companion): ISBN 0-13-146489-2. Companion Web site <http://chem.prenhall.com/brown>. Suggested: Student's Guide to Chemistry, The Central Science, J.C. Hill, Prentice Hall, Inc., 10th ed., 2006, ISBN: 0-13-146484-1. *Please note that the text is a secondary source of information to help clarify concepts presented in lecture. The primary information is presented in class and also appears on lecture handout materials.*

Instructor: Dr. Conrad A. Naleway,
422 Flanner Hall, 773-508-3115,
email: cnalewa@luc.edu.

Lectures are scheduled Tuesdays and Thursdays at 1:00 -2:15 PM in Flanner Hall 133.

Discussion is scheduled Tuesdays and Thursdays at 2:30 -3:30 PM in Dumbach Hall - 234

Laboratory is scheduled Wednesdays at 2:45PM - 5:30PM

Website: <http://www.geocities.com/conradnaleway/chem106>

Course Objectives: Provide a foundation for advanced work in chemistry and an appreciation for the scientific method with special emphasis on problem solving. Acquire knowledge of the properties and reactions of matter. Gain an understanding of the basic principles of chemistry and its many applications.

Calculators: Any scientific calculator is sufficient, however calculators may not be shared during examinations and the cases or covers must be removed.

Homework Problem Sets: Several sets of problems will be assigned during the semester, roughly one each week. These assignments will utilize the MASTERINGCHEMISTRY homework system and In-Class Homework Analysis assignments. These assignments are required!

Examinations and Academic Honesty: Course grades will be determined from the scores achieved on examinations and lab work. Examinations are cumulative and may include material

that has appeared on previous exams. Five points will be deducted from your exam score if the exam is turned in after the exam has ended and/or your name and identification number are not properly filled in.

All students are responsible for exercising the highest level of academic honesty while taking examinations. Please read the University policy on academic honesty in the Catalog of Undergraduate Studies.

Grading Scheme: Course grades will be based on the weighted average of in-class exams, quizzes, homework, and final exam. Your exam total will be determined in one of two ways depending upon your final exam score. The method giving the highest score will be used.

Method 1: If your final exam score is higher than your lowest hour exam score, the lowest hour exam will be dropped and the final exam will be weighted twice an "hour" exam,

Method 2: If your final exam score is lower than your lowest hour exam score, the final exam will be weighted the same as an hour exam and all hour exams will be used in calculating your score.

Grading contributions for Chem. 106 students is

**80% from LECTURE and
20% from LABORATORY work.**

	Method 1	Method 2
Exam 1	15%	15%
Exam 2	15%	15%
Exam 3	-	15%
Quizzes (4)	10%	10%
Homework (Mastering Chemistry)	10%	10%
Final Exam	30%	15%
<i>Lecture Grade Totaling</i>	80%	80%
Laboratory Grade	20%	20%

Grading Scale: The following scale will be used to determine letter grades,

88% - 100% A
75% - 87% B
60% - 74% C
50% - 59% D
< 50% F

Plus and minus grades will be assigned within the designated ranges.

Make-up work will not be given for missed exams or quizzes. Proportionate scores will be used in cases of excused absences. If an hour exam is missed, method 1 will be employed dropping the missed hour exam from the calculation. If a second hour exam is missed, an excused absence will be given at the discretion of the lecturer. An excused absence will be given only in case of an extreme family crisis or serious illness, which must be verified by a letter from a parent or an attending physician no later than three calendar days after the scheduled date of the exam. A grade of F" will be assigned if a combination of three exams and/or quizzes are missed.