

# Syllabus for CHEM 102- 009 Spring Semester 2011

## General Chemistry, 3 Credit hours; Co-requisite CHEM 112

**Instructor:** Martina Schmeling, PhD, Flanner Hall 408, phone 508-3124,  
e-mail: mschmel@luc.edu; URL: <http://homepages.luc.edu/~mschmel>

**Class Material:**

Chemistry & Chemical Reactivity, Volume 2, 7<sup>th</sup> Edition, Kotz, Treichel, Townsend,  
Cengage Learning 2009

Online Web Learning - OWL, [www.cengage.com/OWL](http://www.cengage.com/OWL)

**Objectives:**

The course will introduce the students into the basic knowledge of chemistry. Topics include: reaction rates (kinetic), chemical equilibrium, fundamental acid/base chemistry, solubility, reaction and its probability (thermodynamic), electrochemistry, coordination chemistry, nuclear reactions.

**Class procedure:**

Class hours are Tuesday and Thursday from 8:30am to 9:45am. Classes meet in Flanner Hall Room 133. Discussion sections (CHEM 102 - 010/011/012) are scheduled for Tuesday and Wednesday. Please consult the Spring 2011 course schedule for your discussion meeting time and location. Participation in discussion sections is mandatory and will make up 10% of the final grade. Three in class exams additionally to the final exam are scheduled for February 15, March 22, and April 19, 2011. The final exam will take place according to the university schedule on Saturday, May 7, 2011 from 9:00-11:00am. Problem sets will be announced every week on OWL and have to be turned in on the assigned date. It is highly recommended that the students form study groups to go over the material covered in class and prepare for the exams.

**Grading:**

5% of the total grade will be made up by completed homework problem sets on OWL.

10% of the total grade will be comprised of the discussion section performance.

The top two in class exams count together 70%.

Participation in the three in-class exam is mandatory and no make-up exams will be given. If a student misses for any reason one in-class exam, the average of the two remaining in-class exams will be taken and accounts for 70% of the final grade.

The **final exam** counts **15%**.

The final exam is mandatory for everybody. If for any reason a student misses the final exam he/she must consult with the Dean and the Department Chair.

### ***Grading Scale in %***

100-94%	A
93-88%	A-
87-84%	B+
83-80%	B
79-77%	B-
76-73%	C+
72-69%	C
68-65%	C-
64-60%	D+
59-50%	D
<50%	F

### **Academic Honesty:**

All students are expected to perform the highest level of academic honesty while taking exams. The University policy about academic honesty will be strictly observed and can be found on page 12, right-hand column, of the Academic Catalogue of Undergraduate studies 2001. It is your responsibility to read this and behave correspondingly.

### **Office Hours:**

Office hours are scheduled for Tuesday and Thursday 10:00am to 11:00am or by appointment.

### **Discussions:**

Discussion Sections for CHEM 102 - 009 are [CHEM 102 - 010/11/12](#). All of them are scheduled for Tuesday and Wednesday and are mandatory. Please participate only in the discussion section in which you are enrolled. Discussions account for **10%** of the total grade. In the discussion section, problem sets will be handed out for solving. Students are permitted to work on the problems in pre-assigned small groups of 3-4, but each student has to turn in his/her own results to the instructor. The answers will be graded and posted later. The first discussion will be **January 25, 2011!!**