

# Syllabus for CHEM 101- 015 Fall Semester 2012

## General Chemistry, 3 Credit hours; Co-requisite CHEM 111

**Instructor:** Martina Schmeling, PhD, Flanner Hall 408, phone 773-508-3124,  
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### **Class Material:**

Chemistry – The Central Science, 12<sup>th</sup> Edition, Brown, LeMay, Bursten, Murphy, Woodward, Prentice Hall 2012.

Mastering Chemistry, Homework and Resources – [www.masteringchemistry.com](http://www.masteringchemistry.com); course ID: CHEM101SCHMELING

### **Objectives:**

The course will introduce the students into the basic knowledge of chemistry. Topics include: Matter, Atoms and Atomic Structure, Ions, Stoichiometry, Periodic Table and Periodic Properties, Chemical Reactions in Aqueous Media, Chemical Bonding, Thermochemistry, Gases, Liquids and Solids.

### **Class procedure:**

Class hours are Monday, Wednesday, and Friday from 8:15am to 9:05am. Classes meet in Flanner Hall Room 133. Discussion sections (CHEM 101 – 016/017) are scheduled for Thursday. Please consult the Fall 2012 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 September 24, October 26, and November 28. The final exam will take place according to the university schedule on Monday, December 17, 2012 from 9:00-11:00am. Problem sets will be posted every week on Mastering Chemistry and have to be completed by on the assigned date to get credit. 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 Mastering Chemistry.

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

The three 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 Integrity:**

All students are expected to perform the highest level of academic integrity while taking exams and must read and abide by the demanding standard of personal honesty, drafted by the the College of Arts and Sciences. This can be found at:

[http://www.luc.edu/cas/pdfs/CAS\\_Academic\\_Integrity\\_Statement\\_December\\_07.pdf](http://www.luc.edu/cas/pdfs/CAS_Academic_Integrity_Statement_December_07.pdf). It is your responsibility to read this and behave correspondingly. Anything you submit that is incorporated as part of your grade in this course must represent your own work. **Any students caught cheating will, at the very minimum, receive a grade of “zero” for the item that was submitted and this grade cannot be dropped.** If the cheating occurred during a course exam the incident will be reported to the Chemistry Department Chair and the Office of CAS Dean. Depending on the seriousness of the incident, additional sanctions may be imposed.

### **Office Hours:**

Office hours are scheduled for Monday and Wednesday 9:30am to 10:30am.

### **Discussions:**

Discussion Sections for CHEM 101 - 015 are [CHEM 101 - 016/017](#). All of them are scheduled for Thursday 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 **September 6, 2012!!**

