

This is a sample syllabus for CHM1020. Students should reference the section syllabus provided at the beginning of the semester for specifics regarding assignments and grade assignments.

# CHM1020 Chemistry for Liberal Studies

Sections 1 – XX Term 20XX

## Syllabus

### Welcome

CHM1020 is a one-semester course designed as a comprehensive survey of chemistry, comprising both lecture and laboratory components, for undergraduate students majoring in non-science fields. The major objective is to develop a general understanding of chemistry and how it relates to everyday life. A great deal of information will be covered over the course of the semester; it is essential that you keep up with the work if you want to do well in the course – I strongly suggest you do the assigned reading in advance of lectures, review lecture notes afterward, and keep up with practice problems. **DON'T FALL BEHIND!**

The Liberal Studies Program at Florida State University has been designed to provide a perspective on the qualities, accomplishments, and aspirations of human beings, the past and present civilizations we have created, and the natural and technological world we inhabit. This course has been approved as meeting the requirements for Liberal Studies Area V, Natural Science, and in combination with your other Liberal Studies courses, provides an important foundation for your lifelong quest for knowledge.

### Course Description

CHM 1020. Chemistry for Liberal Studies (3). This course introduces basic chemical principles without an extensive use of mathematics and illustrates with applications in health, energy, and the environment. This course strives to show chemistry as a human endeavor that provides insight into the natural world and informs our decisions as citizens and consumers. Specific topics vary by semester. Designed as a course for students who wish to fulfill the liberal studies science requirement with chemistry and will take no further chemistry courses, not as a preparatory course for CHM 1045. Credit is not allowed for CHM 1020 after taking CHM 1032, 1045, or equivalent.

### Course Objectives:

Upon completion of this course students will demonstrate the ability to...

- think critically and cogently about causal relationships with scientific reasoning.  
[Worksheets 1-6; Mini-Exams 1-5, Final Exam]

- assess previous experimentation and published scientific results. [Worksheets 1-6]
- critically examine and evaluate scientific observation, hypothesis or model construction. [Worksheets 1-6; Mini-Exams 1-5, Final Exam]
- articulate a variety of issues created by the complex interactions among science, technology, and society. [Worksheets 1-6]
- use scientific perspectives to evaluate contemporary problems facing society. [Worksheets 1-6]

### Instructor

Office:

Phone:

E-mail:

Office Hours:

### Materials Required –

- (1) Hill/Kolb, Chemistry for Changing Times, 13<sup>th</sup> Edition
- (2) A NON-PROGRAMMABLE Scientific Calculator

### Assignments and Grading:

Graded Item	Points	Total Points
Worksheets	20 Points (Best 5 out of 6)	100
Mini-Exams	100 Points (Best 4 out of 5)	400
Final Exam	200 Points	200
<b>Total Points Possible</b>		<b>700</b>

**The Grading Scale:** Final grades in the course will be assigned based on the percentage of total possible points in the course, according to the following percentile scale: 90-100% A; 80-89% B; 70-79% C; Below 70% D/F

### Typical Course Schedule (summer)

Week	Topic
1	Introduction, Chapter 1
1	Chapter 1
2	Chapter 2
2	Chapter 2, <b>Worksheet #1 DUE</b>
3	<b>Mini-Exam #1</b> , Chapter 3
3	Chapter 3
4	Chapter 4
4	Chapter 4, <b>Worksheet #2 DUE</b>
5	<b>Mini-Exam #2</b> , Chapter 5
5	Chapter 5
6	Chapter 5
6	Chapter 5, <b>Worksheet #3 DUE</b>
7	<b>Mini-Exam #3</b> , Chapter 6
7	Chapter 6
8	Chapter 6
8	Chapter 6, <b>Worksheet #4 DUE</b>
9	<b>Mini-Exam #4</b> , Chapter 7
9	Chapter 7
10	Chapter 13
10	Chapter 13, <b>Worksheet #5 DUE</b>
11	<b>Mini-Exam #5</b> , Chapter 12

11	Chapter 12
12	Review
12	<b>Final Exam, Worksheet #6 DUE</b>

**\*\*\*NOTE\*\*\*** Schedule is subject to change. Changes will be announced in class in advance and corrections to the schedule will be made online.

**Grading:** The lecture part will comprise 5 (~30 minute) Mini-Exams given each Monday. Each Mini-Exam is worth 100 points. The best 4 out of 5 Mini-Exams will be counted. A Mini-Exam missed for any reason, (Sickness, car trouble, family emergency, etc.) will be counted as the dropped exam. There will be weekly homework assignments worth 20 points each. The best 5 out of the 6 homework assignments will be counted. A Homework assignment missed for any reason, (Sickness, car trouble, family emergency, etc.) will be counted as the dropped homework. A cumulative (1 hour) final exam, worth 200 points will be given on the final Thursday of the term. **No make-up exams or homework will be given**; In cases of a borderline final grade, benefit of the doubt will be given to those students who have demonstrated motivation through thorough assignments and by actively participating in class.

**University Attendance Policy:** Excused absences include documented illness, deaths in the family and other documented crises, call to active military duty or jury duty, religious holy days, and official University activities. These absences will be accommodated in a way that does not arbitrarily penalize students who have a valid excuse. Consideration will also be given to students whose dependent children experience serious illness.

### **Academic Honor Policy**

The Florida State University Academic Honor Policy outlines the University's expectations for the integrity of students' academic work, the procedures for resolving alleged violations of those expectations, and the rights and responsibilities of students and faculty members throughout the process. Students are responsible for reading the Academic Honor Policy and for living up to their pledge to ". . . be honest and truthful and . . . [to] strive for personal and institutional integrity at Florida State University."

See Academic Honor Policy for more details.

**Americans With Disabilities Act:** Students with disabilities needing academic accommodation should: (1) register with and provide documentation to the Student Disability Resource Center; and (2) bring a letter to the instructor indicating the need for accommodation and what type. This should be done during the first week of class. This syllabus and other class materials are available in alternative format upon request.

For more information about services available to FSU students with disabilities, contact the:

Student Disability Resource Center 874 Traditions Way 108 Student Services Building  
Florida State University Tallahassee, FL 32306-4167 (850) 644-9566 (voice) (850) 644-8504 (TDD) [sdrc@admin.fsu.edu](mailto:sdrc@admin.fsu.edu) <http://www.disabilitycenter.fsu.edu/>

**Free Tutoring from FSU** : For tutoring and writing help in any course at Florida State University, visit the Academic Center for Excellence (ACE) Tutoring Services' comprehensive list of tutoring options - see <http://ace.fsu.edu/tutoring> or contact [tutor@fsu.edu](mailto:tutor@fsu.edu) for more information. High-quality tutoring is available by appointment and on a walk-in basis. These services are offered by tutors trained to encourage the highest level of individual academic success while upholding personal academic integrity.

#### **SEXUAL HARRASSMENT POLICY:**

It is the policy of the University that its employees and students neither commit nor condone sexual harassment in any form.

[http://registrar.fsu.edu/bulletin/grad/info/university\\_notices.htm](http://registrar.fsu.edu/bulletin/grad/info/university_notices.htm)

#### **STUDENT ELIGIBILITY FOR AN INCOMPLETE GRADE:**

Incomplete ("I") grades will not be assigned, except in the case of exceptional unforeseen circumstances that occur within the last three weeks of the semester and your work has otherwise been satisfactory (C average).

#### **Syllabus Change Policy**

Except for changes that substantially affect implementation of the evaluation (grading) statement, this syllabus is a guide for the course and is subject to change with advance notice.