

CHEMISTRY 130 Fall 2009

Instructor: Sarah Simmons

Phone: 269-294-4205

Email: ssimmons@glenoaks.edu

Office Hours: Open Door Policy, M: 1-3pm, T: 3-4:30pm, Th: 3-4:30pm

Course Description: This is an introductory course for those students who have little or no background in chemistry as well as for those students whose program requires a minimum of hours in a laboratory science. This is a general survey course dealing primarily with fundamental principles of chemistry.

PREREQUISITE: Math 100, 104, 151, or equivalent

Required Materials:

- *Introductory Chemistry, A Foundation. 6th ed.* Zumdahl.
- Scientific calculator (log and exponential functions), no graphing calculators
- *Introduction to Chemical Principles: A Laboratory Approach. 6th ed.* Weiner and Peters

Methodology and Activities: This is a lecture/laboratory combination course. Lecture sessions discuss the main and/or troublesome topics and include sample problems. Lecture sessions are formal to semi-formal with open and general discussion on a pertinent topic preferred. The laboratory sessions are used to introduce new concepts or to reinforce concepts discussed in the lecture sessions.

Quizzes: There will be several pop quizzes given in lecture throughout the semester. They will be fairly short, lasting only 5-10 minutes at the beginning of class, and may deal with topics already discussed or from the reading assignments. A total of 10 quizzes will be factored into your grade at the end of the semester. If more than 10 quizzes are given, the highest 10 scores will be factored into your grade.

Exams: There will be 5 in-class exams. Each exam will count for 100 points and will include a combination of multiple choice, problem solving and short answer questions. *There will also be a cumulative final exam at the end of the semester.*

Absences: Due to the complex nature of this course it is important that students attend each lecture. If absence is unavoidable the student is responsible for obtaining the missed lecture notes from another student. Make-up homework and exams are not available without an excused absence.

Make-up Policy:

No labs will be dropped in calculating the final grade. No make-up labs will be available.

Ten quizzes will be used in calculating the final grade. No make-up quizzes will be available.

No exams will be dropped when calculating the final grade. The final exam will count as 2 exams.

Grading: The final grade will be calculated as follows

- Lecture: quizzes 15%, Exams: 60%
- Laboratory: 25% (lab reports: 70%, lab quizzes 30%)

Grades will be assigned according to the following scale

<u>Percentage</u>	<u>Grade</u>	<u>Percentage</u>	<u>Grade</u>
100 – 90%	4.0	74 – 70%	2.0
89 – 85%	3.5	69 – 65%	1.5
84 – 80%	3.0	64 – 60%	1.0
79 – 75%	2.5	59 – 0%	0.0

Classroom Etiquette: Proper classroom behavior is expected at all times. Talking in class and disruptive behavior will not be permitted and may result in dismissal from the class. Please turn off cell phones and

any other noisemaker. Remember, we are all here to learn and respect for the instructor and other students is a part of that process.

Incomplete and Withdrawal Policy: An “I” or incomplete for a course grade will not be given unless at least 75% of the course work has been completed. Withdrawal from class is your privilege and responsibility. It is necessary for you to follow correct procedures. A grade of W is automatically given through October 13th. After this date if you stop attending class and do not follow the official procedures for dropping or withdrawing from the class you shall receive a semester grade of 0.0 or whatever your total point accumulation permits. The last day a faculty may issue a W is December 7th.

Assistance: If you are a student with a documented disability and you believe you are entitled to receive accommodations for this class, please contact me privately so we may discuss your specific needs. You will also need to contact the Student Support Specialist to schedule an appointment for an intake if you have not already done so, You may contact the Student Support Specialist by calling 269-467-9945 and ask for Student Services.

Academic Dishonesty: Academic dishonesty includes, but is not limited to taking, using, or copying another’s work and submitting it as your own, using notes on exam’s, intentionally falsifying information or taking another’s ideas with intention of passing in class as one’s own. Academic Dishonesty will not be tolerated and will result in a zero.

Strategies for Success: Successful completion of the course is dependant on the student. Your personal commitment to success is the first step in that process. Below is a list of some tips that will help guide you toward your goal:

- ⊕ Attend all classes
- ⊕ Arrive on time
- ⊕ In case of absence contact the instructor as soon as possible
- ⊕ Do all homework problems
- ⊕ Ask questions in class and come to the instructor’s office hours for additional help
- ⊕ Read the text book before or after class and study at least 2 hours outside of class for every hour of in-class material.
- ⊕ Know when exams are scheduled and be prepared