CHEM 107

GENERAL INORGANIC CHEMISTRY LAB

Instructor: Office: Phone:
Conference Hours:

If you need accommodations in this class related to a disability, please make an appointment with your instructor as soon as possible.

COURSE DESCRIPTION:

Exercises for mathematical principles in chemistry and experiments that illustrate chemical theories

RATIONALE:

General Chemistry 107 is a semester course and is tailored to students who have the desire to pursue careers in nursing.

COURSE OBJECTIVES:

1. To develop a better understanding of chemistry by performing exercises and hands-on experiments.
2. To be familiar with safety regulations in the laboratory.

MATERIALS:

1. Chemistry 107 Lab Module **(GSU Bookstore)**.
2. Students should wear approved safety goggles. **These glasses should not have holes around their frames** (they are sold at LATECH, True Value and GSU bookstore).

ATTENDANCE:

All students are expected to attend and complete each scheduled lab class throughout the semester**. An appointment must be made with the instructor to complete any missed Lab experiments. An approved excuse must be presented before any make-up lab experiments are allowed. Laboratory experiments that are missed must be completed before the next regularly scheduled class period. The written lab report may then be turned-in no later than the beginning of the next regularly scheduled class. Each student will be allowed a maximum of two(2) make-up Labs per semester.** Any student (including athletes) failing to complete at least (6) laboratory experiments and/or the corresponding written lab assignments will be assigned a course grade of **F**. **Students are responsible for learning the material covered during the missed class.**

Each student must show a valid, university issued identification card during exams and quizzes. No exam will be administered to a student without an identification card.

ASSESSMENT PROCEDURES:

Students are required to read the scheduled experiment before they come to class. See tentative schedule. If the experiment has a **pre-laboratory assignment** students have to complete it before class and hand it in at the beginning of class unless otherwise indicated. Students earn up to 100 pts per completed lab. Information about earning points in this lab class follows.

Laboratory assignment:

Students have to fill out experimental data sheets in the lab manual during the assigned laboratory time. Do not scribble over errors; write a line over errors so the instructor can see what data you changed. After students finish the experimental part of the lab they will need to request that the instructor signs their data sheets. Laboratory assignments will not be graded if they are not signed. Students should turn in their lab work on the due day.

Late Penalties:

Make-up laboratory assignments and/or exercises will receive late penalties. **Credits will be reduced by 10 points per week. Assignments more than two weeks late will not be accepted after the due day.**

Safety Rules:

Students have to obey safety rules. If not, students will lose points. Students can be dismissed from the lab and/or the course if they persist in violating safety rules.

Cleanliness

Students should leave everything clean after finishing bench work. Place glassware and chemicals where they were found at the beginning of the class.

Midterm Exam:

A Midterm Exam will be held during class time and will be graded out of 100 pts.

Final Exam:

A Final Exam will be given during class time and will be graded out of 200 pts.

Evaluation of a bench laboratory class will be as follows:

Task	Points
Laboratory Assignment (if it was signed by the instructor)	60
Pre-Laboratory assignments and Technical procedures: safety and Cleanliness	40

No bench labs will be evaluated as follows:

Task	Points
Lab. Assignment	100 pts

Course grade:

Use the following equation to calculate your grade:

$$\frac{\text{Your points}}{\text{Total number of points}} \times 100 = \text{Percent Grade}$$

Your points are the addition of all your grades in lab assignments plus midterm and final exams. Total number of points = number of scheduled assignments × 100 + 300 from midterm and final exams.

Grade assignments:

Percent Grade	→	Letter Grade	Percent Grade	→	Letter Grade
90.0 to 100.0	→	A	60.0 to 69.9	→	D
80.0 to 89.9	→	B	≤ 59.9	→	F
70.0 to 79.9	→	C			