

Honors Chemistry Fall 2021

Instructor: Mr. McQueen

Planning Block: 1st

Course: Honors Chemistry

Additional Office Hours: 7:15-7:40
3:00-3:30

Email: mmcqueen@enterpriseschools.net

Fee: \$22.00

Remind code: @chem376

Supplies: Scientific Calculator

- Goggles and gloves ** Optional

Course Description:

This course will cover the basic introductory principles of chemistry. Students will learn through direct instruction, simulations, lab activities, and independent readings. At the end of the course, it is my goal that students have an appreciation for chemistry and its application in our everyday lives.

Student Expectations:

Students will be held to a high standard throughout this course with a particular focus on details. Students will be expected to study every night, reviewing the material covered in class and preparing for class the next day. In order to be successful, student's must be intrinsically motivated and work to understand the material, not simply complete assignments for a grade.

- P Students will be prepared for class by completing assignments on time, reading ahead prior to class, and bringing all necessary materials for class.
- R Students will be respectful of their own education as well as others.
- I Students will display integrity by completing their own work to the best of their ability.
- D Students will be dependable by completing tasks the first time they are asked.
- E Students who demonstrate the previous four character traits will be successful in this course.

What defines success in this course?

Success is not defined by getting a high letter grade on your report card, but by growth you show throughout the course. Chemistry can be a challenging subject as it tests your reasoning and mathematical skills. Failure on an assignment is ok *IF* you prepared to the best of your ability and have the resolve to overcome that failure.

Grading Expectations:

Grades are a reflection of how well you understand the Alabama course of study, not your ability to turn in an assignment. Therefore you will not receive participation grades on any graded assignments. Most assignments done in class will not be turned in for a grade, but are designed to help you learn a particular skill or master a concept. Our grades are a weighted average with the following break down:

- 70 % Major Assessments
- 30% Quizzes/Labs

*Students will be expected to pay attention to detail as they work through assignments. Points will be deducted for incorrect spelling, wrong number of significant figures, failure to show work, and failure to include units. The amount of points deducted will depend on the point value and nature of the assignment.

*Quizzes will be administered throughout the semester on topics from previous units.

*Academic dishonesty will result in a failing grade on the assignment.

Absences:

Students are responsible for collecting missed assignments and for learning the material on days they are not in class. Whatever is covered in-class will also be accessible online. If you are required to miss extended periods of in-person instruction it will be the student's responsibility to complete the assignments online in a timely manner.

Late Work:

Late work will not be accepted past the deadline with the only exception being an emergency. If an assignment is announced in advance and you are out, but do not submit it on time it will not be accepted. If an in class assignment or exam is missed we will follow the handbook policy regarding the make-up schedule.

Laboratory Notes:

Students must meet the following requirements prior to working and operating in a chemistry lab:

1. Watch the ACS Video Series Online
2. Read and study the [Lab Safety Contract](#).
3. Earn above a 90% on the lab safety quiz.

A chemistry lab can be a dangerous place if students are unaware of lab safety protocol. Students are required to know where all the lab safety equipment is and how to operate it, understand basic lab safety principles, and how to use lab equipment prior to beginning the lab. Failure to meet lab safety guidelines results in a five point deduction for each infraction from all lab group members' grade. Lab safety is dependent upon everyone being responsible and aware of their surroundings. Serious lab infractions will result in removal from the lab, an office referral for documentation, and a zero on the assignment.

Pacing Guide	Topic/Chapter
Unit 0	Safety and Study Habits
Unit 1	Matter and Measurement
Unit 2	Atoms and Atomic Theory
Unit 3	Inorganic Nomenclature
Unit 4	Reactions and Stoichiometry
Unit 5	Aqueous Solutions
Unit 6	Gases
Unit 7	Electron Configuration
Unit 8	Periodicity
Unit 9	Bonding
Unit 10	Thermochemistry