

# Chemistry Syllabus 2024-2025

Ms. Domke

## Contact Information

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Phone: (906) 635-3839 ext. 5814

Conference period: 4th hour

Room: 241

## Course Overview

*Prerequisite: Successful completion of Biology*

Chemistry is the study of the properties of matter, the small particles that make up matter, and the energy changes associated with these interactions. Chemical principles include fundamental concepts about atoms and molecules, elements and compounds, the periodic table, bonding, chemical reactions and equations, stoichiometry, states of matter, solutions, acids and bases, pH, energy transfer, and reaction rates. The course will use textbook sections, worksheets, written notes, lab activities, current events, projects, and vocabulary exercises to help students master the material presented. Students will earn grades based on classroom assignments, homework, lab activities, quizzes, and tests.

## Course Objectives

This is a preparatory course for entrance to Environmental Science.

## Required Materials

- Pencil
- A 1.5-2 inch binder, dividers are strongly encouraged for organization and easy access
- Notebook
- Chromebook

## Grading Scale

A (94-100%)    A- (90-93)

B+ (87-89)    B (84-86)    B- (80-83)

C+ (77-79)    C (74-76)    C- (70-73)

D+ (67-69)    D (64-66)    D- (60-63)

E (0-59)

## Test and Homework Expectations

Any student caught cheating will receive a **zero** on the assignment, parent/guardian will be contacted, and the student will get a referral to the office.

## **Late Work**

If you are absent, you get the same amount of work time per assignment that everyone else got to complete the work upon your return. 10% is taken off your grade for every day late, a maximum of 50% can be taken off.

All work must be completed a **week before** the end of the quarter.

## **Extra Credit**

Not to be expected but there will be opportunities for extra credit periodically. If you have **missing work**, you can **NOT** ask for extra credit.

## **Online Platforms**

**Google Classroom:** I will be using Google Classroom to maintain organization. I will upload notes, videos, assignments, etc. for those who are absent or for you to review.

**MiStar:** All attendance and grades will be entered into MiStar. It is your responsibility to occasionally check your grades. This is how you can check to make sure you have no missing assignments. Missing assignments may be found on Google Classroom or extra copies will be located in the back of the classroom. It is your responsibility to gather and complete any missing work.

**Parent Square:** Parent Square will be used for communication with students and parents. Make sure you have your account set up so we can communicate effectively.

## **Use of Technology**

**No phones, smartwatches, or earbuds** are to be used from **8am-3pm**. No exceptions! Refer to SHAS phone policy for more details. Chromebooks will occasionally be used for educational purposes only.

## **Classroom Expectations**

- Students are expected to **be present** and active members of the classroom daily.
- Students are expected to come to class **prepared** with all necessary materials and completed assignments to learn and participate in all classroom activities.
- Students are expected to **be respectful** of the teacher, the classroom, and their peers.

Follow 4 B's and refer to the student handbook for school expectations.

## **Classroom Rules and Procedures**

1. Respect others and their property
2. Be on time
3. Follow the directions the first time they are given
4. Raise your hand before speaking
5. Keep your hands, feet, and other objects to yourself
6. Use class time appropriately

7. Use school appropriate language and behaviors
8. Keep your area clean, pick up after yourself
9. Remain in your assigned seat
10. Turn in assignments and put materials away neatly
11. You can NOT leave the classroom without signing out on SmartPass
12. Communicate concerns, worries, and even victories with me
13. If you are absent you must gather your own missing notes/work

### **Tips for Success**

Studying and tutoring are often great tools for success. If you want or need extra help and/or tips to succeed please come talk to me and we can schedule a meeting to discuss options.

### **Lab Safety**

Lab Safety will be discussed in class and there will be a required lab safety quiz that must be passed with 80% or higher to be able to participate in labs.

### **Discipline**

Minor Infractions (throwing things, talking out of turn, not being seated, etc..)

1. Verbal warning
2. Write an essay on your behavior
3. Call home to parent/guardian
4. Office Referral

Major Infractions (disrespect, fighting, threatening, inappropriate language, etc..)

1. Automatic Office Referral
2. Call home to parent/guardian

### **Course Outline**

#### **Semester 1:**

Unit 1: Introduction to Chemistry

Unit 2: The Atom

Unit 3: Electrons

Unit 4: Chemical Bonds

Unit 5: Chemical Reactions

#### **Semester 2:**

Unit 6: Stoichiometry

Unit 7: States of Matter

Unit 8: Solutions

Unit 9: Acids and Bases

Unit 10: Thermochemistry

**Proof of Acknowledgement**

I have read and fully understand the syllabus for Chemistry. I acknowledge that I will be held to the rules and expectations listed within this syllabus. Please sign, date, and return student and parent/guardian signatures to Ms. Domke.

Date: \_\_\_\_\_

Student Signature: \_\_\_\_\_

Parent/Guardian Signature: \_\_\_\_\_