

## Honors Chemistry Syllabus

This honors chemistry course is designed for college-bound students, especially those that plan to major in the sciences. We will cover the content typically taught in an honors chemistry course.

### Contact Information:

Instructor: Mrs. Fritts

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### Grading:

Grades will be determined based on the total number of points. Grades will be assigned in the following categories. The percentage next to each category is *approximately* what percent of the total points will come from each source. The exact values may differ somewhat depending on the number of labs, assignments, and exams in each quarter.

Homework -- 15%

Quizzes -- 15%

Labs -- 20%

Exams -- 50%

### Extra Credit:

There will be an extra credit project each quarter that may boost your grade approximately 2%. These are usually projects that you will work on at home that connect to what we are learning about in class.

### Textbook:

We will use the Merrill Chemistry textbook in this class. I recommend that you take the book home and leave it there so you always have it available when you are working on assignments or reviewing material. If portions of the text are needed in class, I will provide them for you on the course website.

### Homework Assignments:

Some homework will be graded for correctness, some for completion, and some will just be reviewed in class. It is important to complete the homework, but it is more important to know *how* to complete the homework. If you are struggling with an assignment please ask for help. I am available daily before and after school for help. Feel free to ask your classmates/friends for help, but be sure that you are learning the material and not just copying their answers. They will not be able to help you on exams!

### Labs:

We will discuss safety in class and to participate in lab, you must score 93% or better on the lab safety quiz (which you can retake until you get the necessary score). Expectations for lab

reports will vary depending on the lab but the general goal is to learn, piece by piece, how to write a good lab report. The expectations for lab reports are outlined in a separate document.

### **Standards:**

The curriculum for this course is aligned to the NGSS standards. Primarily we will cover content from the standards HS-PS1 Matter and its interactions, HS-PS3 Energy. We will touch on all of the cross cutting concepts and science and engineering practices outlined by the NGSS throughout the year.

### **Absence:**

If you are absent from class, it is **your** responsibility to find out what you missed and get copies of assignments or notes. If you miss a quiz or an exam, I will write out a pass for you to take it in the library during the next day. You will need to remember to get your pass when you come to class.

### **Academic Dishonesty (Cheating):**

Copying the homework will only hurt you and while I strongly encourage you to work together on homework problems, you need to make sure that you are learning the material and not just copying the work of your classmates. Copying someone else's work right before an assignment is due will not help you pass the exams or quizzes.

Lab reports will be written individually (unless otherwise noted) even though labs are done in pairs. You should work on writing your report individually and be sure that you do not copy your partner's work. Identical lab reports will receive zero points for each section copied regardless of who did the original work.

Cheating on quizzes or tests will result in a zero for that assessment and will warrant a discussion with your parents and/or an administrator.

### **Tips for Success in Chemistry:**

1. Ask for help early
2. Learn the language.
3. Make flash cards.
4. Use the illustrations.
5. Review your notes.
6. Read the chapters.
7. Work as many problems as possible.
8. Do not cram for exams.
9. Study regularly with a group.