

## Honors Chem Syllabus

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A message from me-

Chemistry is my favorite class and I really hope it becomes yours. But, chemistry is a hard class. It is the first science class where you have to blend concepts and math. People struggle. We are going to do our best all year long to be fully prepared for the future. Doing well in chemistry this year will translate into doing well in college and beyond. Just know, 60% of students in past years at UNR were failing Chem 121. Please try your best to get work done on time and to keep up. I'll try to keep the class fun and I hope we have a great year.

### Actual information

Units- This is a list of units and topics we will be covering in this class:

- Classification of matter
- Atomic Structure
- The Periodic Table
- Nomenclature, formulas, and bonding
- Moles
- Chemical Reactions
- Stoichiometry
- States of Matter
- Thermochemistry
- Acids and Bases
- Gas laws

Required items-

- A notebook for all work to be saved in. You will need access to all the work at the end of the year so please don't lose any of it.
- A scientific or graphing calculator. Please bring your own as it will make learning easier.

Grading- Your grades will be weighted as follows:

- Exams (30%)
- Quizzes (15%)
- Assignments (20%)
- Labs (20%)
- Final (15%)

Exams – exams will be lengthy and difficult. Please prepare yourself before each exam. This may be the first class where you struggle to remember all the material.

Quizzes – quizzes will be given throughout the semester. They will be random so please try and keep up with your work.

Assignments – all assignments given in Teams must be completed as soon when they are assigned. You will quickly fall behind if you do not work on the material.

Extra credit- the tests and quizzes will be graded based on a slight curve. Extra credit will be available to the entire class towards the end of the semester. The extra credit involves solving difficult AP questions to show you really deserve a better grade.

Cell phones- if possible, please make sure you have your cell phone available during class. It may be hard to see the board during class due to seating assignments. I will stream all work I do on the board so you can see from your desk. Laptops are cool too.

Make up exams- if you miss your exam time or are unhappy with your score, I am happy to make a more difficult exam and replace your grade. Please let me know and we can get your grade fixed.