

Chemistry Honors – Course Overview 2025-26

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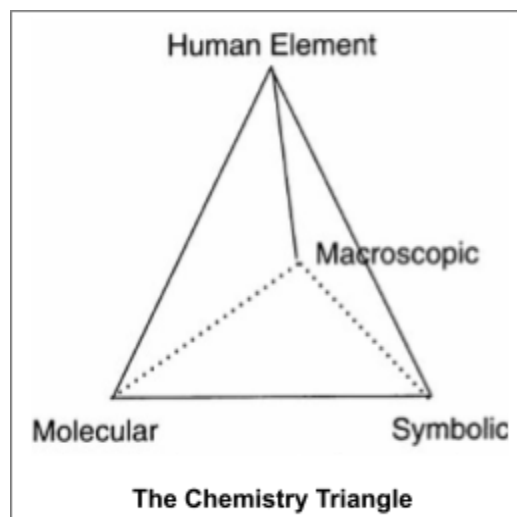
Course Overview

All matter is made of tiny particles called atoms or molecules. The behavior of those tiny particles causes almost everything that we see and feel around us.

In chemistry, we study the amazing interplay between those particles and the macroscopic (bigger) world we can see. We learn how to represent large and small scale chemistry with symbols and words. We also study how it impacts human beings.

This course emphasizes group work, modeling, experiments, and real world applications of chemistry.

Our textbook is *Introductory Chemistry (6th ed)* by Tro.



Grading		Schedule			
Participation	10%		Unit	Topic	Textbook
<i>Being present/on task, asking and answering questions, and Check-In Problems.</i>		Sept.	1	Matter and Energy	Ch 1 & 3
Learning Activities	30%	Oct.	2	Measurement	Ch 2
<i>Classwork, homework, simulations, reading, questions, self-quizzes, group work, labs, etc.</i>		Nov.	3	Atomic Structure	Ch 4 & 9
Assessments of Learning	60%		4	Periodic Trends	Ch 4 & 9
<i>Quizzes, tests, projects, portfolios, some labs, other activities designated "assessment"</i>		Dec.	5	Bonding	Ch 5 & 10
In each category, divide points earned by the number of possible points.		Jan.	6	Moles	Ch 6
				Midyear exam	
Classroom Rules		Feb.	7	Reactions	Ch 7 & 16
Chem-is-try. Effective effort leads to success.		Mar.	8	Stoichiometry	Ch 8
Be safe. Read, understand, & follow safety rules.		Apr.	9	Gases and IMFs	Ch 11 & 12
Stay on task. Do your work & avoid distractions.		May	10	Solutions & Kinetics	Ch 13 & 15
Respect others, our space, & our time together.		June	11	Acids/Bases & Equilibrium	Ch 14 & 15
				Final exam	

The [Class Policies and Procedures document](#) is included in this Course Overview by reference here.

We are what we repeatedly do. Excellence, therefore, is not an act, but a habit. –Aristotle