

**Course:** Chemistry 1 (with Honors option)  
**Tuition:** \$45  
**Instructor:** Karen Evans  
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This course includes the fundamental principles of this discipline such as the history and philosophy of chemistry, atomic theory and structure, types of compounds and chemical nomenclature, solutions and ionization, chemical reactions and stoichiometry, molecular bonding and structure, electron distribution and atomic spectra, nature of gases and gas laws, and thermochemistry.

### Course Topics include:

- Scientific Measurements & Data Analysis
- Atomic Structure & Atomic Theory
- Chemical Compounds
- Introduction to Chemical Reactions
- Acid, Bases, & Acid-Base Reaction
- Energy and Chemical Reactions
- Chemical Calculations and Chemical Formulas
- Chemical Calculations and Chemical Equations
- Molecular Structure
- Gases

### Supply List for Class

- Scientific Calculator
- Pencil/Pen
- Paper
- Composition Notebook (provided)
- Spiral notebook – 70 page minimum (provided)
- Chemical Splash goggles (provided)

**Additional requirements:** Internet access, E-mail, Word Processing, and a working printer (may use my classroom printer any time).

**Textbook:** The students will be given their textbook. This will be theirs to keep. They will be allowed to write in it or highlight text. Students will be given partial notes to fill in. There are many resources on the internet that will be discussed for students to access as well.

**Homework:** Students will have in class homework as well as online homework. They will need internet access either on a computer, laptop, or a phone to complete their assignments. The online homework has deadlines. If the student does not complete the assignment before the deadline, the assignment will lock and will not be opened up for completion. Students need to watch those deadlines.

### Grades:

Your grade will be based on your performance on Exams, homework, and laboratory assignments. Your final course grade will be determined from a percentage of the total points possible.

Tests	60%	Grading Scale	A	90-100
Homework/Laboratory	40%		B	80-89
			C	70-79
			D	60-69
			F	Below 60