

Course: Chemistry 1 (Honors Option)
Tuition: \$40 (a minimum of 10 students)
Instructor: Karen Evans
Karen.evans@francistuttle.edu
www.evanscience.com

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
- Periodic Table and the Elements
- Nomenclature
- Ionic and Covalent Bonding
- Chemical Equations
- The Mole
- Stoichiometry
- Gas Laws
- Thermochemistry

Supply List

- Scientific Calculator
- Pencil/Pen
- Paper
- Composition Notebook (hard-back)
- 3-ring binder (approx. 1½-2 inches)
- Chemical Splash goggles (provided)

Additional requirements: Internet access, E-mail, Word Processing, and a working printer.

Textbook: Will be provided for the student.

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