

CHEMISTRY CE



This course is designed for students who want to obtain a basic understanding of chemistry. A foundation of basic chemical knowledge is provided for students who need to prepare for further study in chemistry as well as for students who only want an introductory survey course. Concepts are covered in the context of how science saves lives. Quantitative problem-solving skills are also developed. The successful student will attain a modern scientific perspective on the world around them and learn how science can be used to improve health and quality of life. In addition, students will gain new problem-solving skills that can be applied throughout their academic and professional careers.

Topics Covered

- Dimensional Analysis
- Algebraic Equations
- Significant Figures
- Atomic Structure Periodic Table
- Electron Configuration
- Lewis Structures
- Molecular Geometry
- Intermolecular Forces
- Types of Bonds
- Chemical Nomenclature
- Aqueous Solvation
- Concentration
- Limiting Reactant
- Balancing Chemical Reactions
- Types of Reactions
- Empirical and Molecular Formulas

Benefits include

- One less general education requirement to take in college
- The course may fulfill a prerequisite for other science courses and programs you pursue in college.
- The course is a good survey of many different fields of chemistry you may be inspired to pursue at the collegiate level



To Register, submit a GTI Application (signed by parent).

Visit the GTI website or contact your school counselor for an application.

***This class offers concurrent enrollment credit.
General Education Certificate: Physical Science***

Granite School District does not discriminate on the basis of race, color, sex, pregnancy, religion, national origin, marital status, disability, sexual orientation, gender identity, age, or any other legally protected classification in educational programs, activities, or access to facilities.



2500 S STATE STREET SALT LAKE CITY, UTAH 8415 | 385.646.4350 | GTI.GRANITESCHOOLS.ORG

Location

Granite Technical Institute
2500 S. State St.

Transportation

School bus available to & from GTI

Grade Level

11th -12th grades

Pre-Requisites

None

Class Times

2-period Block

Credits

1.0 CTE, College credit (SLCC)
CHEM 1010 (3 college credits). This class fulfills the Physical Science requirement for the General Education Certificate.

Length

Semester

Fees

None