

BIOTECHNOLOGY I



Biotechnology is the science of applying what we learn from nature to help us solve problems. Hands on lab-based science.

In this class you will learn about a topic, then experiment on it! About half of our class time is spent in the lab. You will learn the basic lab skills that are often used in research laboratories around the world. No prior knowledge is required, you will be guided through the entire process. Come explore science with Biotechnology!

Biotech is an interactive class with exciting experiments. Get the chance to interact with real biotech companies. This class provides lab experience needed for medical school.

Topics Covered

- Enzymes & Antibodies
- pH, Acids & Bases
- Solution Preparation
- Living Cells
- DNA
- Forensics

Career Paths

- Medicine
- Dentistry
- Microbiology
- Genetics
- Research Science
- Biomedical Engineering



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

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

This course counts as a third science credit

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.



Location

Granite Technical Institute
2500 S. State St.

Transportation

School bus available to & from GTI

Grade Level

9th-12th grades

Pre-Requisites

None

Class Times

2-period Block

Credits

1.0 Third Science, CTE, Elective

Length

Semester

Fees

Lab fees required.

Fee waivers available for qualifying students at their home high school.

Covers required class fees only



Scan for class video