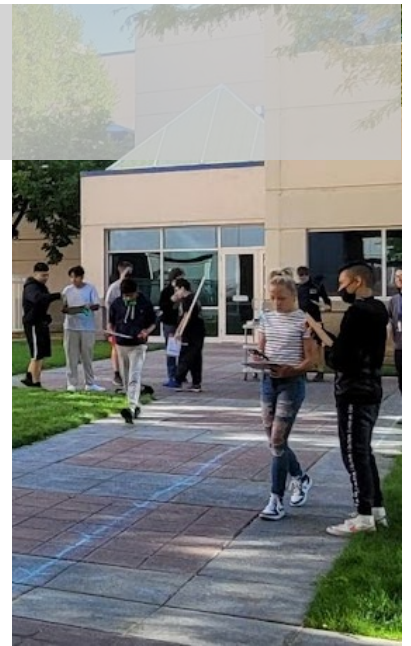


# PHYSICS



This course emphasizes a hands-on learning approach and applies the mathematical concepts that explain the laws of our physical universe. Students create hypotheses, solve problems, reason abstractly, and learn to think critically, and to use evidence to support their conclusions.

The lab activities and related mathematical principles in this course provide essential skills for students interested in scientific, technical, and engineering professions.

## Topics Covered

- Motion
- Force
- Momentum
- Energy
- Heat
- Light and sound
- Gravitation
- Electricity and Magnetism

## Career Paths

- Engineer
- Scientist
- Physicist
- Physics teacher or professor
- Patent attorney
- Programmer
- Project or Lab manager
- Business analyst
- Data analyst

## Location

Granite Technical Institute  
2500 S. State St.

## Transportation

School bus available to & from GTI

## Grade Level

9<sup>th</sup>- 12<sup>th</sup> grades

## Pre-Requisites

Taken with Engineering Principles 1 & 2

## Class Times

2-period Block

## Credits

1.0 Core Science credit or Elective

## Length

Year

## Fees

Lab fees required.

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



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

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

***This class counts as a core 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.*

