



Electronics 3



Granite Technical Class <http://www.graniteschools.org/SchoolSites/specialschools/Pages/GTI.aspx>

Course Information

Location: Granite Technical Institute
 2500 South State Street

Transportation: School bus available to and from GTI

Offered to: 10-12 grades

Registration: GTI Application (Signed by parent)

Period: 2-period block

Length: Semester

Credits: 1 credit per semester, CTE, Elective or
 3rd Science credit

Fees: Lab fee may be required



Course Description

This course is the Pre-Electrical Engineering course from Project Lead the Way. The largest pre-engineering preparation course in the US. It covers:

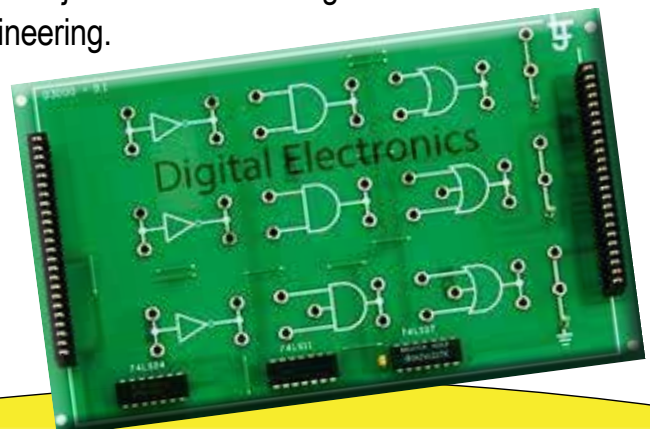
- Intro to Digital Electronics
- Logic Gates (AND/OR Inverters)
- Flip-Flops
- Counters and Shift Registers
- Binary Adders
- Programming in P BASIC

The Capstone Project includes building a BOE-BOT robot from Parallax Engineering.



Pathways

- Electronics Technician
- Engineering Technician
- Electrical Engineer



Granite School District is committed to providing educational and employment opportunities to students without regard to race, color, sex, religion, age, national origin or disability in accordance with Title VI of the Civil Rights Act of 1964, Title IX of the Educational Amendment of 1972, Section 504 of the Rehabilitation Act of 1973, the Age Discrimination Act of 1975, and the Americans with Disabilities Act.

January 2016