

Electrical Technology

Transcript Category: non “a-g” elective

Recommended Grade Level: 9th, 10th, 11th, or 12th

Prerequisite: None

Length: Year

Course Title and Credit Value

- Electrical Technology A (5 Credits)
- Electrical Technology B (5 Credits)

Course Description

In this course, the student will learn about the creation, control, and distribution of electric power, including the way in which every area of our life gets the power it needs from electricity. Students will learn about wiring in households and/or commercial buildings, projects and factories. Students will learn about turbine generators, transformers, power transmission towers, and the electrical grid. Students will learn about theories and models of electricity as well as about practical application.

Suggested Curriculum

- eDynamic Learning
 - Engineering and Technologies
 - Introduction to Renewable Technologies

Course Expectations

1. Student will work in the course a minimum of 60 hours per semester showing academic progress each learning period.
2. Complete all elements of the course as assigned.
3. HST will collect at least one work samples each learning period.