

From School to the Skilled Trades:

Learn how high school classes prepare you for a career in the electrical trade.



Math

- Use fractions, percentages, and decimals to determine wiring lengths and dimensions.
- Learn how to calculate voltage, current, and resistance.



Physics

- Understand the properties of electricity and magnetism and how electricity moves through a circuit.



Chemistry

- Work with battery-powered generators and other chemical materials.
- Understand the chemical reactions that occur between different materials.



Public Speaking & Communications

- Strong and articulate communication skills are vital when working with customers and collaborating with coworkers.



Physical Education

- Physical fitness prepares an individual to work successfully in varied environments like office buildings, homes, attics, crawlspaces, and the outdoors.



English & Technical Writing

- Interpret construction plans and create electrical schematics.
- Written communication is key when providing service details to customers and documenting the scope of work.



Computer Science & Technology

- Understand new technologies, like solar, that save money for customers and protect the environment.
- Install and service energy-efficient devices to existing systems within a building.

