



ELECTRICAL TRADES

Share Time Program for High School Junior and Seniors

The Electrical Trades program exposes students to the essential concepts and principles of residential and commercial electrical systems. Students learn knowledge and skills required to perform the functions of an electrician, including wiring, motor controls, telecommunications, alarm systems, computer installations, and fiber optics. Upon completion, students have the opportunity to advance their studies and pursue apprenticeship through participation in Morris County Vocational School District's continuing education program or the program at Pennsylvania College of Technology (Penn State University).

PROGRAM OVERVIEW

- Tool and Shop Safety
- Residential and Commercial Wiring
- Motor Controls
- Telecommunications
- Computer Networking
- Low Voltage Wiring
- Alarm Systems
- Fiber Optics
- Customer Service
- Cost Analysis and Efficiency
- Career Exploration
- Electrical Codes and Permits
- OSHA 10 Training and Certification
- Applied Math Concepts
- Applied Science Concepts

• HIGH SCHOOL CREDITS EARNED:

- Career and Technical Education Program = 20 Credits
- Students who meet the NOCTI criteria may earn college credits.

Students will be required to:

- Read and comprehend information at the high school level
- Initiate tasks independently
- Follow multi-step directions
- Apply related math concepts
- Work collaboratively

STUDENTS WHO COMPLETED THE ELECTRICAL TRADES PROGRAM

pursued post-secondary education and/or employment as electricians, electrical helpers, utility workers, and union apprentices.

ALL INQUIRIES PERTAINING TO PRE-ADMISSION SHOULD BE SUBMITTED TO

Gina DiDomenico, Student Recruitment and Community Relations

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