



# APPRENTICESHIP PROGRAM

## Electrical Technology

### PROGRAM OUTCOMES:

This program provides the fundamental knowledge needed for employment as a construction electrician, electric motor service person, and equipment salesperson. The training received in the electrical program will also help one obtain employment installing and servicing fire alarms, security systems, fiber optics, and other communications systems.

### PROGRAM LENGTH:

Diploma Hours: 630, 1 year of on-the-job learning

AAS Hours: 885, 2 years of on-the-job learning

4 years/8000 hours

Only AAS 2000 off 8000 hours when you receive a degree

### CERTIFICATION:

Diploma: Electrical Fundamental and Residential Wiring

AAS: Commercial Wiring, Electrical Fundamental, and Residential Wiring

### ON-THE-JOB LEARNING COMPETENCIES:

- Inspect electrical systems
- Troubleshoot and repair electrical malfunctions
- Install systems for control and lighting systems
- Read technical and wiring diagrams



### JOB FUNCTIONS:

- Learn the procedures to install electrical equipment and wiring.
- Understanding of electrical wiring practices and terminology.
- Apply national, state, and local electrical codes to various applications.
- Use safe work habits and professional skills, which include good communication skills, problem-solving skills, and teamwork.

### SKILLS:

Problem-solving, Communication, and Technical Ability

