Central COMMUNITY COLLEGE

Electrical Technology / Electrician

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:

Years: 4
Diploma Hours: 720
AAS Hours: 840
Completion of a diploma will deduct 1,000 hours from the 8,000 hours required. Completion of an Associate's degree will deduct 2,000 hours from the required 8,000 hours.

RELATED TECHNICAL INSTRUCTION (RTI):

Certificate(s), Diploma, AAS Degree
Electrical Fundamental Certificate (Kearney)

ON-THE-JOB Training (OJT) 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, Flexibility, Safety, Detail-Oriented, Communication, Customer Service, and Technical Ability