

Electrical Technology Program Level Student Learning Outcomes

Students completing the Electrical Technology Program will be able to:

1. Demonstrate proficient use and understanding of hand tools and equipment.
2. Identify, install, and bend the different types of electrical conduit based on both residential and commercial applications.
3. Exhibit how to use an electrical meters.
4. Troubleshoot control devices.
5. Read and interpret electrical blueprints.
6. Wire basic devices, plan the layout of those devices that will be installed in a residential application based on NEC rules.
7. Demonstrate a working knowledge of and apply basic troubleshooting and programming methods and techniques to Programmable Logic Controllers.
8. Demonstrate safe procedures associated with the use of electricity.
9. Wire devices and plan the layout of those devices that will be installed in a commercial application based on NEC rules.