

ELECTRICAL TECHNOLOGY



PROGRAM OVERVIEW

- Blueprint reading
- AC/DC theory
- Residential/commercial installations
- Conduit bending, MC cable, and Romex wiring methods
- Switches, receptacles, and load calculations
- Motor controls
- Programmable logic controllers
- Variable frequency drives
- Electronics
- Three-phase power systems
- Solar power

2-YEAR PROGRAM

The WA State Dept. of Labor and Industries may recognize up to two years of training received towards the General Journeyman OI certification.

EVERY HOME AND BUSINESS REQUIRES ELECTRICITY TO FUNCTION.

Nearly everything we use on a daily basis has an electronic component from lighting to heating and cooling, from appliances to computers and video games. Being an electrician gives you an understanding of the science which makes them work.

Electricians are needed throughout the world in both industrial and residential settings. They read blueprints, wire buildings, repair and replace electrical equipment and electronic devices, and install and test electrical systems for a variety of purposes.

At Perry Tech, Electrical Technology students gain a wealth of knowledge from learning in both the classroom and a lab environment. In addition, students also gain more of a hands-on understanding of their field through fieldtrips that take place on a regular basis. A diverse set of instructors bring a number of skills to the table to teach and guide students on their path to becoming an electrician.

Check out what it takes to become an electrician. Electricians work in nearly every industry and with training from Perry Tech, you can choose your career path. Work in the construction field, in industrial settings or for contractors maintaining and repairing existing electrical systems.

With the advent of new technologies, the need to retrofit outdated structures, and the increased use of alternative power sources, exciting job opportunities for trained electricians should continue to grow.

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