

Industry Trades Academy:

- HVAC/R
- Residential Electrician

HVAC/R:

This course is designed for individuals with minimal HVAC/R experience. Not only will you obtain specialized knowledge needed to gain your ‘Ready to Work’ certificates, but you will also be prepared to start an entry-level position. You will learn the fundamentals of heating and air conditioning technology. Topics covered include service and maintenance of packaged and split-type air-conditioning systems; measuring voltage, current, and resistance in electric circuits; concepts of recovering, recycling, reclaiming, and retrofitting refrigerants; and more.

With HVAC/R systems and technology rapidly evolving, formal training is now more important than ever. While it may be possible to “get a job” without training in some cases, job seekers who have gone through an intensive course have the advantage.

Residential Electrician:

With booming infrastructure, new energy conservation projects, and an aging workforce, demand for skilled electricians is on the rise. In fact, the Bureau of Labor Statistics projects that jobs for electrician will increase 14% through the year 2024.

The Electrician Training course is designed to teach you general and electrical safety procedures, use of common hardware and materials used in an electrical system, how to read and understand building plans, and more. In addition, you will be prepared for electrician licensing tests, generally required by most states and localities. While tests differ, you will need to understand electrical theory, the National Electrical Code®, local electrical codes, and the various types of wiring methods and materials.