

APPRENTICESHIP PROGRAM – INSIDE ELECTRICIANS

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www.oregon.gov/BOLI/ATD/A_StatewideOpportunities.shtml

Job Description

Electricians install, connect, test, and maintain electrical systems for a variety of purposes, including climate control, security, and communications. They also install and maintain the electronic controls for machines in business and industry.

Qualifications

- H.S. Diploma (2.0 GPA) or GED (GED score of 255/2300)
- Minimum of one year of high school algebra with a grade of 'C' or better (or equivalent).
Equivalent may be one term of College Algebra Math 60 and 65 or Math 70 with a grade of 'C'.
- Must be at least 18 years of age

**Local apprenticeship committee may require additional qualifications.*

Working Conditions

The work done as an electrician may be strenuous. The working environment varies, depending on the type of job. The work can require considerable standing, bending, reaching and lifting and may be conducted in cramped spaces or at great heights.

Minimum Journey-level Wage

\$30.76 per hour

Recommended High School or College Courses

- Trade Skills Fundamentals
- Residential Wiring
- CPR/First Aid Certification
- Algebra I
- Algebra II
- Geometry
- Trigonometry
- Integer Math
- Calculus
- Physics
- Drafting
- Blueprint Reading
- Electrical related
- Electronics
- Welding

Related Training

Approximately 8,000 hours of on-the-job training and 576 hours of "In Class" related training are required for completion of apprenticeship.

Associate of Applied Science Degree

Lane's AAS degree in Electrical Apprenticeship Technologies can be earned once a student meets the requirements for both related training and general education.