

Tacoma Power Apprenticeship Program

Minimum Qualifications

- Valid Drivers License
- Minimum of six months in the electrical or construction trades, or complete a formalized vocational training program in a related field

Education Requirements

- Graduation from high school or equivalent
- Completion of high school level algebra
- Completion of a Basic Electricity course

Hiring Process

1. Upon passing minimum qualifications, we will invite you to participate in a basic electricity and math test.
Please add NeoGov to your email safe list.
2. If selected from candidate pool, we will invite you to participate in a three-step recruitment process which includes a physical ability test, oral interview and a six-station practical.

Basic Electricity

One course must be in process or complete prior to the hiring selection in June of the hiring year.

Course curriculum must include Ohm's Law, AC/DC Theory, Parallel & Series Circuits.

NOTE: Taking a Basic Electricity class does NOT guarantee acceptance into an apprenticeship program. However, participating fully and passing all portions of this class will give you the experience and education to help you with your application, written and work tests, and interviews.

Basic Electricity Courses

Course	UDemy.com/course/the-complete-basic-electronics-course/
Text book	Electricity (Alexander Publications)
Course	TPCTraining.com/products/basic-electricity-training
Text book	Delmar's Standard Textbook on Electricity (Delmar learning)
Course	ElectricityForum.com/basic-electricity.html
Text book	Basic Electricity (Schaum's, published by McGraw Hill)

Basic Math Courses

Course	Edx.org/learn/algebra
Text book	Algebra Demystified (Gibilisco, Published by McGraw Hill)
Course	Math.com
Text book	Painless Algebra (Lynette Long, Published by Barron's)
Course	PurpleMath.com
Text book	Algebra Success in 20 minutes a day (Learning Express)

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Line Electrician Apprentice

Performs apprentice-level work under the direction of a journey-level line electrician in the construction, maintenance and repair of electrical overhead and underground distribution and transmission system.

**\$35.32 to \$41.83 or
\$73,465.60 a year**

Duties:

- Prepare and set line poles and guy wires,
- Repair damaged or decayed poles.
- Select and install cross-arms, insulators, cutouts, switches, lightning arrestors and other devices on wood poles and steel structures.
- Install transformers, transformer banks and related connections on poles.

Wire Electrician Apprentice

Performs apprentice-level work under the direction of journey-level wire electricians in the construction maintenance and repair of electrical substations and underground vaults.

**\$35.01 to \$41.13 or
\$72,820.80 a year**

Duties:

- Wiring or maintaining and repairing of substations.
- Preparing switchboard panels, installing transformers.
- Connecting and disconnecting ammeter, voltmeters, relays, switches, lights or other equipment and apparatus.

Meter Electrician Apprentice

Performs apprentice-level work under the direction of journey-level meter technicians in the testing, repairing, calibrating and installing of meters, electrical and electronic support equipment.

**\$35.79 to \$42.43 or
\$74,443.20 a year**

Duties:

- Assist in testing, calibrating and repairing of electrical and electronic test equipment
- Testing, calibrating, repairing and installing auxiliary devices to metering such as totalizer, pulse initiators, transformers, loss compensators, survey recorders, multifunction meters and other auxiliary equipment.