

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
 - Work experience is defined as the use of basic tools such as hammer, wrench, and various equipment
- Construction trades experience may include examples such as plumbing, iron work, carpentry, etc.

Education Requirements

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

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 multi-station practical.

Basic Electricity

Knowledge of Basic Electricity is required with curriculum including Ohm's Law, AC/DC Theory, and Parallel & Series Circuits.

Knowledge of Basic Electricity will give you the experience and education to help you with your application, written test to be placed on eligible list, oral interview, and hands-on practical tests.

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)

For questions, email Tacoma Power Training.

TPowerTraining@CityofTacoma.org

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TACOMA POWER
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Tacoma Power Apprenticeship Program

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.

\$43.45 to \$51.46 or
\$90,376.00 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.

\$43.77 to \$51.42 or
\$91,041.60 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.

\$42.11 to \$49.93 or
\$87,588.80 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.

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