

Electricians

Entry wages (2015): \$14.11 per hour or \$29,345.00 annually

Projected growth (2015-2025) Faster than average at 19.0% in Tarrant County

What will you do?

Electricians install, maintain, and repair electrical power, communications, lighting, and control systems in homes, businesses, and factories. They also install electrical systems in newly constructed buildings and maintaining existing systems. Electricians read blueprints of electrical systems showing the location of circuits, outlets and other equipment. Below are example of types of electricians:

Inside Electricians maintain and repair large motors, equipment, and control systems in businesses and factories. **Residential Electricians** install wiring and troubleshoot electrical problems in peoples' homes. **Lineman Electricians** install distribution and transmission lines to deliver electricity from its source to customers. They are considered Line Installers and Repairers.

Where will you work?

Electricians will work inside homes, schools, hospitals, office building, factories, construction sites, or stores. They work indoors, and often times outdoors even during bad weather. Their work schedule can vary when considering bad weather, but for the most part its full time with overtime expected.

What Experience do you need?

Most electricians learn their trade in a 4- or 5-year apprenticeship program. For each year of the program, apprentices must complete at least 144 hours of technical training and 2,000 hours of **paid on-the-job training**. Or they can attend a technical school where they will receive credit toward their apprenticeship when they graduate.

What type of Training do I need?

The [Texas Department of Licensing and Regulation](#) is the state regulatory and licensing agency. There are 2 types of licenses issued: Individual Licenses and Business Licenses. Continuing Education providers must be approved on the TDLR's website to process applications. Several groups, including unions and contractor associations, sponsor apprenticeship programs. Many apprenticeship programs have preferred entry for veterans.



47-2111.00 – Electricians (ONET Code)

What else should I know?

The Texas Department of Licensing and Regulation determines if a criminal conviction will deny a license application. They advise for all applicants with a criminal background to complete the [Criminal History Evaluation letter](#) before applying for a license to know if their criminal background will be reason for denial. TDLR will review the type of license you are seeking, the nature of the offence committed, how long ago it occurred, and employment history since the offense. If a successful determination is provided by TDLR, you can further complete the license application.

Approved Tarrant County Training Programs

Provider	Program Name	Hours (Contact/Credit)	Cost	Pell Eligible
Independent Electrical Contractors, Fort Worth/Tarrant County	First Year Electrical Apprentice Certification	144/0	\$1,800.00	No
Independent Electrical Contractors, Fort Worth/Tarrant County	Second Year Electrical Apprentice Certification	144/0	\$1,800.00	No
Lincoln College of Technology	Electrician, Electrical Technology	1200/50	\$19,656.00	Yes

*This information is subject to change. See a Workforce Center Career Counselor for more information.



Career Pathway Map – Electricians Occupation

