

ELECTRICAL LINEWORKER CERTIFICATE

The Electrical Lineworker Certificate is designed to provide students with the knowledge and the skills for initial employment and be able to pursue a long and rewarding career in electric power generation, transmission, and distribution.

- Degree Type: Certificate
- Courses are not available online
- Electrical lineworker is available on the Palestine and Terrell campuses
- TSI (<https://coursecatalog.tvcc.edu/admission-registration/testing/tsi-testing-requirements/>): not required

This program is not designed to transfer.

Students may enter the electrical lineworker certificate during the fall semester of each year.

Course	Title	Hours
Term One		
ELPT-1411	Basic Electrical Theory	4
LNWK-1311	Climbing Skills	3
LNWK-1331	Transformer Connections	3
Hours		10
Term Two		
LNWK-1301	Orientation and Line Skill Fundamentals	3
LNWK-2321	Live Line Safety	3
LNWK-2322	Distribution Line Construction	3
Hours		9
Total Hours		19

What Line Installers and Repairers Do (<https://www.bls.gov/ooh/installation-maintenance-and-repair/line-installers-and-repairers.htm#tab-2>)

Line installers and repairers install or repair electrical power systems and telecommunications cables, including fiber optics.

SUMMARY (<https://www.bls.gov/ooh/architecture-and-engineering/mechanical-engineering-technicians.htm>)

- Electrical Line Installers and Repairers
- 2021 Median Pay: \$74,530 per year, \$35.83 per hour
- Typical Entry-Level Education: High School Diploma or Equivalent
- Work Experience in a Related Occupation: None

- On-the-job Training: Long-term on-the-job training
- Number of Jobs, 2021: 230,400
- Job Outlook, 2021-2031: 6% (As fast as average)
- Employment Change, 2021-2031: 13,600

Work Environment (<https://www.bls.gov/ooh/installation-maintenance-and-repair/line-installers-and-repairers.htm#tab-3>)

Line workers encounter serious hazards on the job, including working with high-voltage electricity, often at great heights. The work also can be physically demanding. Although most work full-time during regular business hours, some work irregular hours on evenings, nights, weekends, and holidays when needed.

How to Become a Line Installer or Repairer (<https://www.bls.gov/ooh/installation-maintenance-and-repair/line-installers-and-repairers.htm#tab-4>)

To become proficient, most line installers and repairers require technical instruction and long-term on-the-job training. Apprenticeships are common.

Pay (<https://www.bls.gov/ooh/installation-maintenance-and-repair/line-installers-and-repairers.htm#tab-5>)

The median annual wage for electrical power-line installers and repairers was \$78,310 in May 2021.

The median annual wage for telecommunications line installers and repairers was \$60,190 in May 2021.

Job Outlook (<https://www.bls.gov/ooh/installation-maintenance-and-repair/line-installers-and-repairers.htm#tab-6>)

Overall employment of line installers and repairers is projected to grow 6 percent from 2021 to 2031, about as fast as the average for all occupations.

About 23,500 openings for line installers and repairers are projected each year, on average, over the decade. Many of those openings are expected to result from the need to replace workers who transfer to different occupations or exit the labor force, such as retiring.

State & Area Data (<https://www.bls.gov/ooh/installation-maintenance-and-repair/line-installers-and-repairers.htm#tab-7>)

Explore resources for employment and wages by state and area for line installers and repairers.

Similar Occupations (<https://www.bls.gov/ooh/installation-maintenance-and-repair/line-installers-and-repairers.htm#tab-8>)

Compare the job duties, education, job growth, and pay of line installers and repairers with similar occupations.

More Information, Including Links to O*NET (<https://www.bls.gov/ooh/installation-maintenance-and-repair/line-installers-and-repairers.htm#tab-9>)

Learn more about line installers and repairers by visiting additional resources, including O*NET, a source on key characteristics of workers and occupations.

SUGGESTED CITATION:

Bureau of Labor Statistics, U.S. Department of Labor, Occupational Outlook Handbook, Line Installers and Repairers, at <https://www.bls.gov/ooh/installation-maintenance-and-repair/line-installers-and-repairers.htm> (visited May 28, 2023).

TVCC has partnered with **Career Coach** (<https://tvcc.emsicc.com/?radius=®ion=10%20Mile%20Radius%20from%20Athens%2C%20TX>) for students to discover majors and in-demand careers and education based on your interests!

- Career Assessment Profiler
- Interactive Career Catalog
- Browse TVCC's Pathways