

ELECTRICAL & ELECTRONICS ENGINEERING TECHNICIAN

WHAT WILL I BE DOING?

- Test or modify developmental or operational electrical machinery or circuitry in industrial or commercial settings.
- Plan, build, test, repair, and modify developmental and productional electronic components.
- Apply principals and theories of electronics, electrical circuitry, engineering mathematics, and physics.
- Work with other personnel to resolve design or operational problems.
- Prepare contracts, disclosures, or applications.

NATIONAL, STATE AND LOCAL WAGE INFORMATION

	2018 Entry Level	2016	Projected 2020
Capital Area	\$25.24	2,792	3,209
Texas	\$21.99	15,31	16,800
United States	\$31.27	137,000	139,800

WHAT JOB TITLES SHOULD I SEARCH FOR?

- Test Technician
- Instrument and Controls Technician

WHERE COULD I WORK?

- Manufacturing facilities
- Federal government facilities
- research and development facilities

KNOWLEDGE AND SKILLS NEEDED

WHAT TYPE OF EDUCATION AND/OR TRAINING WILL I NEED?

Workers in occupations at this level usually have an associate's degree with no work experience and no on-the-job training.

WILL I NEED A SPECIAL LICENSE OR CERTIFICATION?

Certifications are not required for this field, but they show an advanced level of knowledge. Several organizations offer certification, including the National Institute for Certification in Engineering Technologies (NICET), ETA International, and the International Society of Automation.

Primary Data Sources: Texas Workforce Commission at texaslmi.com, JobsEQ at jobseq.eqsuite.com, Bureau of Labor Statistics at bls.gov, and CareerOneStop at careerinfonet.org October 2019

OCCUPATIONAL PROFILE

WORKFORCE SOLUTIONS
Capital Area
Connecting People to Jobs



For Staff Use

SOC: 17-3023

CIP:

ELECTRICAL & ELECTRONICS ENGINEERING TECHNICIAN

CAPITAL AREA CAREER LADDER

* Also Included on Targeted Occupation List (PY 2020)

Electrical Engineer

Hourly Wages

- Entry Level: \$37.43
- Median Level: \$51.55

317 new & replacement positions between 2016-2026

Typical Education & Experience

- Bachelor's Degree



Electrical & Electronic Engineering Technician

Hourly Wages

- Entry Level: \$25.24
- Median Level: \$33.59

417 new & replacement positions between 2016-2026

Typical Education & Experience

- Associate's Degree



*Electrician

Hourly Wages

- Entry Level: \$16.78
- Median Level: \$24.86

458 new & replacement positions between 2016-2026

Typical Education & Experience

- High School Diploma or Equivalent
- Apprenticeship



Helper—Electrician

Hourly Wages

- Entry Level: \$9.17
- Median Level: \$15.46

110 new & replacement positions between 2016-2026

Typical Education & Experience

- High School Diploma or Equivalent
- Short-term on-the-job training



This Career Ladder is for illustrative purposes and does not display all pathways for career advancement. For more information or feedback email: CareerLadder@wfscapitalarea.com

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Relay Texas: 1.800.735.2989 (TDD) / 711 (Voice). www.wfscapitalarea.com

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