ELECTRICAL TECHNOLOGY, OCCUPATIONAL CERTIFICATE

Campuses

Central Campus

North Campus

Program Information

Have you considered a hands-on skill that is very much in demand throughout the Houston region? San Jacinto College's Electrical Technology program is the answer. Homeowners, builders, and businesses rely on skilled electricians for repairs and new installations. A career as a journeyman or master electrician puts you in demand. Our programs help you master everything from simple residential wiring to complex commercial and industrial power and controls for the area's petrochemical plants and business infrastructure.

The San Jacinto College Electrical Technology program:

- Uses a curriculum that prepares students to fill entry-level positions in residential, commercial, and industrial electrical fields;
- Prepares students for jobs in maintenance, design, marketing, estimating, and other electrical-related industries;
- Offers daytime and evening courses that enable apprentices to start accumulating the required on-the-job experience; and
- Prepares students for journeyman and master electrical exams.

Additional Information

The Texas Department of Licensing and Regulation (TDLR) requires an apprentice to have 8,000 hours of on-the-job experience to take the journeyman exam. A master electrician candidate must have 12,000 hours of verifiable experience.

Career Opportunities

According to the US Department of Labor, employment of electricians is expected to increase 7 percent from 2021 to 2031. Increases in population and economy will provide a demand for more electricians to install and maintain electrical devices and wiring in homes, factories, offices, and other structures.

Experienced electricians can advance to jobs as:

- Supervisors,
- Project managers,
- Construction superintendents,
- Estimators,
- Electrical inspectors,
- Electrical contractors, and
- Master electricians.

Earning Potential

Electrician: $56,205 per year[1]

[1] Source: Texaswages.com (http://Texaswages.com), median salary Gulf Coast region, 2021

For more information, students may contact Central campus, 281-478-2799; or North campus, 281-998-6350, x7346.