

# Information

Air Conditioning and Refrigeration and Electrician education programs are available in high schools and community colleges throughout Texas



Although the top three most popular undergraduate majors in the U.S. are Business, Health Professions, and Social Sciences, Trades education becomes more valuable by the day.

**360**

School Districts offering ELC program of study

**350**

School Districts offering HVAC Program of Study

*Full list of High School Programs and districts provided separately*

**3,489**

Electrical Concentrators in Texas High Schools

**5,078**

HVAC Concentrators in Texas High Schools

Data sourced from Texas Education Agency for FY2023-2024



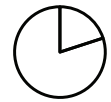
**791**

ELC Completers\* for 2023-24



**401**

ELC Completers\* for 2023-24



**100%**

of Texas Education Regions have a HVAC and/or ELC CTE program



## HIGH SCHOOL REGIONS

- In 2022, more than **1.18 million high school students** in Texas were enrolled as **CTE concentrators**—those who completed two or more courses in a program of study
- As of 2025, high school early college programs and industry-based certifications are surging:
  - The share of Texas high school graduates earning **industry-based certifications** jumped from **10.7% in 2019 to 33.4% in 2023**.
  - Those earning **associate degrees** in high school rose from **1.9% to 2.5%** over the same period

*\*Concentrators - A student who completes and passes two or more high school CTE courses for a total of at least two credits within the same program of study and is not a completer.*

*+Completers - A student who completes and passes three or more high school CTE courses for a total of four or more credits, including one level three or level four course, from within the same program of study.*

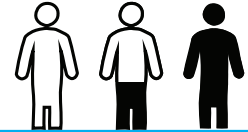
### TDLR Program Representatives:

- ACR Chief: Bill Weatherly
- ELC Chief: Larry Reichle

## Electrical and HVAC trades are well represented across Texas with dozens of campuses for each program.

Over half of Americans (56%) say college costs have spiraled out of control, with nearly one-third viewing student loan debt as a national crisis. – Indestata

56%



Meanwhile, the barber and cosmetology trades in Texas are seeing strong growth and opportunity.

### HVAC

- Dallas College (Dallas County Community College System) <https://www.dallascollege.edu/pages/default.aspx>  
Cedar Valley Campus (972/860-8201)  
Eastfield Campus (972/860-7100)
- South Texas College (Rio Grand Valley) <https://www.southtexascollege.edu/>
- McAllen Technology Campus (956/872-6100)
- El Paso Community College <https://www.epcc.edu/>  
Main Campus (915/831-3722)
- Western Technical College-El Paso, TX <https://www.westerntech.edu/>  
Main Campus (888/212-8820)
- Texas State Technical College – Waco, TX <https://www.tstc.edu/programs/>  
Abilene (325/734-3608)  
Fort Bend County (832/595-8734)  
Harlingen (800/852-8784)  
North Texas (469/820-6789)  
Waco (854/799-3611)  
Williamson County (512/759-5900)
- Delmar College - Corpus Christi, TX <https://delmar.edu/index.php>  
Windward Campus (361/698-1720)
- San Jacinto College - Pasadena & Houston, TX [www.sanjac.edu/](http://www.sanjac.edu/)  
North & South Campus (281/998-6150)
- Lamar Institute of Technology – Beaumont, <https://lit.edu/>  
Main Campus (409/880-8321)
- Lone Star College – The Woodlands, TX <https://www.lonestar.edu>  
LSC - North Harris Campus (281/618-5400)  
LSC - Houston North Campus (832/813-6500)
- Tarrant County College – Fort Worth, TX <https://www.tccd.edu/>  
South Campus (817/515-4514)

### ELECTRICAL

- South Plains College – Levelland, TX
- Blinn College – Brenham, TX
- Alamo Colleges EETC – San Antonio, TX
- Brazosport College – Lake Jackson, TX
- CLC Inc. – Fort Worth, TX
- Galveston College – Galveston, TX
- Houston Community College – Houston, TX
- Lee College – Baytown, TX
- Lonestar College – Houston, TX
- Navarro College – Corsicana, TX
- TSTC – Waco, TX
- Austin Career Institute – Austin, TX
- National Career Institute – Houston, TX
- Propel Career Academy – San Antonio, TX
- Dallas College – Dallas, TX

### Why HVAC And ELC As A Career?

- Opportunity for quick advancement and growth
- Start earning early with low debt and steadily increase income via experience, specialization, or business ownership. While college paths often start with higher salaries, they also often carry higher risk of student loan debt and variable outcomes in career advancement

Category	Electrician (Texas)	Bachelor's Degree (US)
Starting Income	\$35-55k	\$68k
Mid-Career	\$55k-80k+	Varies widely - \$70-90k+ dependent on major
Loan & Debt	Usually none or minimal	Often substantial
Growth Path	Clear ladder: Apprentice -> Journeyman -> Master/Contractor	Variable; depends on field, promotions, availability
Demand & Security	+13% job growth in Texas by 2030 estimated, essential to infrastructure and housing, renewable energy needs	Demand in some majors (STEM, business) but others facing decline and softening in salary projections