

# What is Career and Technical Education (CTE)?

- Encompasses 94 percent of high school students and 8.4 million individuals seeking postsecondary certificates and associate degrees in CTE fields.
- Is delivered flexibly through high schools, area career centers, career academies, community and technical colleges, four-year universities and more.
- Educates students for a range of career options through 16 Career Clusters® and 79+ pathways.
- Offers clear pathways to industry certifications, postsecondary certificates and degrees.
- Partners with businesses to prepare students for tomorrow's workforce.
- Fulfills employer needs in high-skill, high-wage, high-demand areas.
- Prepares students to be college- and career-ready by providing core academic skills, employability skills and technical, job-specific skills.

## CTE Works for Business

CTE addresses the needs of industries and helps close the skills gap.

- Almost half of the energy workforce may need to be replaced by 2024, and demand for solar and wind energy technicians will double.
- Half of all STEM jobs call for workers with less than a bachelor's degree.
- Health care occupations are projected to grow 18 percent by 2026, adding more than 2 million new jobs.
- 3 million workers will be needed for the nation's infrastructure in the next decade, including designing, building and operating transportation, housing, utilities and telecommunications.
- More than 80 percent of manufacturers report that talent shortages will impact their ability to meet customer demand.



## LAMAR CISD

A PROUD TRADITION | A BRIGHT FUTURE

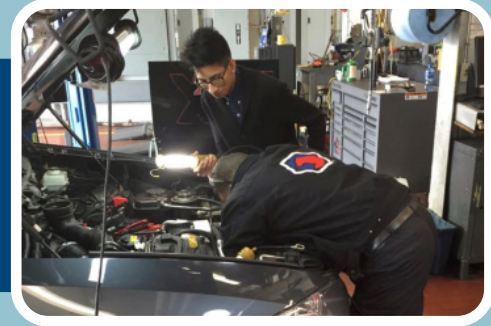
*Career and Technical Education*

# Why Connect?

- Connect business and industry with education.
- Work directly with and impact students.
- Help prepare and develop a skilled workforce; have access to this same workforce.
- Collaborate directly with teachers on quality and relevant education.



**CTE provides career pathways for all students utilizing real world practices, evolving skill sets, attitudes and behaviors**



Agriculture,  
Food &  
Natural  
Resources



Business  
Management &  
Administration



Health Science



Information  
Technology



Marketing



Architecture &  
Construction



Law,  
Public Safety,  
Corrections  
& Security



Education &  
Training



Science,  
Technology,  
Engineering &  
Mathematics



Hospitality  
& Tourism



Arts, A/V  
Technology &  
Communications



Manufacturing



Finance



Transportation,  
Distribution  
& Logistics



Human  
Services

## Ways to Support

- Sponsor scholarship opportunities
- Serve on an advisory committee
- Open the doors to your facility
- Give students real-world experiences and challenges
- Mentor teachers and students
- Be a guest speaker
- Sponsor or donate classroom resources
- Provide job opportunities, internships and teacher externships
- Introduce students to your profession

Lamar Consolidated ISD  
Career and Technical Education (CTE)  
[www.lcisid.org/cte](http://www.lcisid.org/cte)

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