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How does Career and Technology Education Work for High School Students

High school students involved in CTE are more engaged, perform better and graduate at higher rates.

- Taking one CTE class for every two academic classes minimizes the risk of students dropping out of high school.
- The average high school graduation rate for students concentrating in CTE programs is 93 percent, compared to an average national freshman graduation rate of 80 percent.
- 91 percent of high school graduates who earned 2-3 CTE credits enrolled in college.

CTE Works for College Students and Adults

Postsecondary CTE fosters postsecondary completion and prepares students and adults for in-demand careers.

- Students can attend public community and technical colleges for a fraction of the cost of tuition at other institutions: \$3,520, on average, in 2016-2017.
- According to research in Texas graduates with technical or applied science associate degrees out-earn bachelor's degree holders by \$2,000 to \$11,000.
- 27 percent of people with less than an associate degree, including licenses and certificates, earn more than the average bachelor's degree recipient.

CTE Works for Business

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

- 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.
- Almost half of the energy workforce may need to be replaced by 2024, and demand for solar and wind energy technicians will double.
- More than 80 percent of manufacturers report that talent shortages will impact their ability to meet customer demand.

Additional CTE Information: CTE serves 94 percent of all high school students, including male and female students, students from many races and ethnicities, and students from higher and lower income backgrounds. In the 2013-2014 school years, according to the Office of Career, Technical and Adult Education, there were 7,502,727 secondary CTE participants, or students who took at least 1 credit of CTE.

La Pryor ISD CTE Participation Statistics:

2017-2018	2016-2017	2015-2016
9 th grade: 39	9 th grade: 44	9 th grade: 35
10 th grade: 40	10 th grade: 32	10 th grade: 35
11 th grade: 32	11 th grade: 30	11 th grade: 42
12 th grade: 31	12 th grade: 39	12 th grade: 40
Total: 142	145	152

***Contact your school counselor for more information.**

La Pryor HS offers CTE Programs in:

Business and Industry Endorsement:

- **Agriculture Food and Natural Resources Cluster**
 - *AgriBusiness/Animal Science Pathway*
 - Possible Certifications: Livestock Selection and Evaluation Cert
 - Teacher: J. Garza
- **Arts, Audio/Video Technology and Communication Cluster**
 - *Global Communication Pathway*
 - Possible Certifications: Adobe Creative Suite
 - Teacher: A. De Leon
- **Business Management and Administration/ Finance Cluster**
 - *Business Management Pathway*
 - Possible Certification: Microsoft Office Suite
 - Teacher: M. Del Rio-Castillo

Public Services Endorsement:

- **Health Science Cluster**
 - *Health Career Pathway*
 - Possible Certification: CPR
 - Teacher: O. Frausto

Science, Technology, Engineering & Math (STEM) Endorsement:

- **Advanced Science**
 - *STEM SCIENCE Pathway*
- **Advanced Math**
 - *STEM Math Pathway*

Arts and Humanities Endorsement:

- **Advanced English**
 - *Creative English Pathway*
- **Advanced Social Studies**
 - *Government Pathway*

Multidisciplinary Studies Endorsement:

- 4 credits in each of the 4 foundation subject areas to include Eng 4 and Chemistry and/or Physics
- 4 advanced Courses that prepare a student to enter the workforce/postsecondary from within 1 endorsement that are not in coherent sequence.
- 4 credit in AP or Dual Credit in English; Math; Science; Social Studies; Economics



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