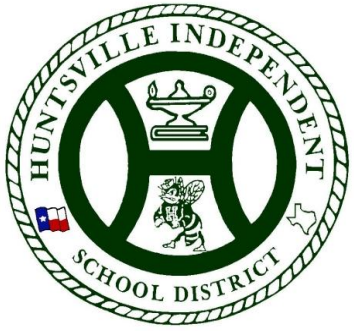




2024-2025



Career and Technology Education (CTE) Program Review

“Education is the most powerful weapon which you can use to change the world.”

- Nelson Mandela

Contact Information

District CTE Program Contacts:

- District Director - Dr. Jamey Johnson
- District Coordinator - Mrs. Teresa Carpenter
- District Administrative Assistant - Mr. Isac Palacios

Campus Administrative Contacts:

- MPMS Principal - Mr. Don Jackson
- HHS Principal - Mr. Robert Gilbert
- HHS Associate Principal - Mr. Colby Oliphant

CTE Teachers:

- Mance Park Middle School
- Huntsville High School

Major Legislative Events in CTE over 100 Years

1917

- The federal role in CTE began over 100 years ago with the Smith-Hughes National Vocational Education Act of 1917.
- This was the first investment in secondary vocational education.
- Provided funding to states for agriculture, home-making, and trade and industrial education.

1963

- Vocational Education Act of 1963.
- Vocational education was expanded to "persons of all ages in all communities"

1998

- Carl D. Perkins Vocational and Technical Education Act of 1998.
- Continued accountability, secondary - postsecondary alignment, academic integration, and business partnerships.
- American Vocational Association was renamed the Association for Career and Technical Education.
- Focus changed from job-specific vocationalism to skill-based rigorous career education.

2018

- The Strengthening Career and Technical Education for the 21st Century Act (Perkins V).
- Continued the focus on Programs of Study.
- Enhance efforts to serve special populations and encourage innovation through grant programs.

CTE Mission

The Huntsville ISD Career and Technical Education Department will provide comprehensive course offerings and experiences to empower students to successfully reach their academic and career goals, ensuring a sustainable future.

Successful CTE Programs

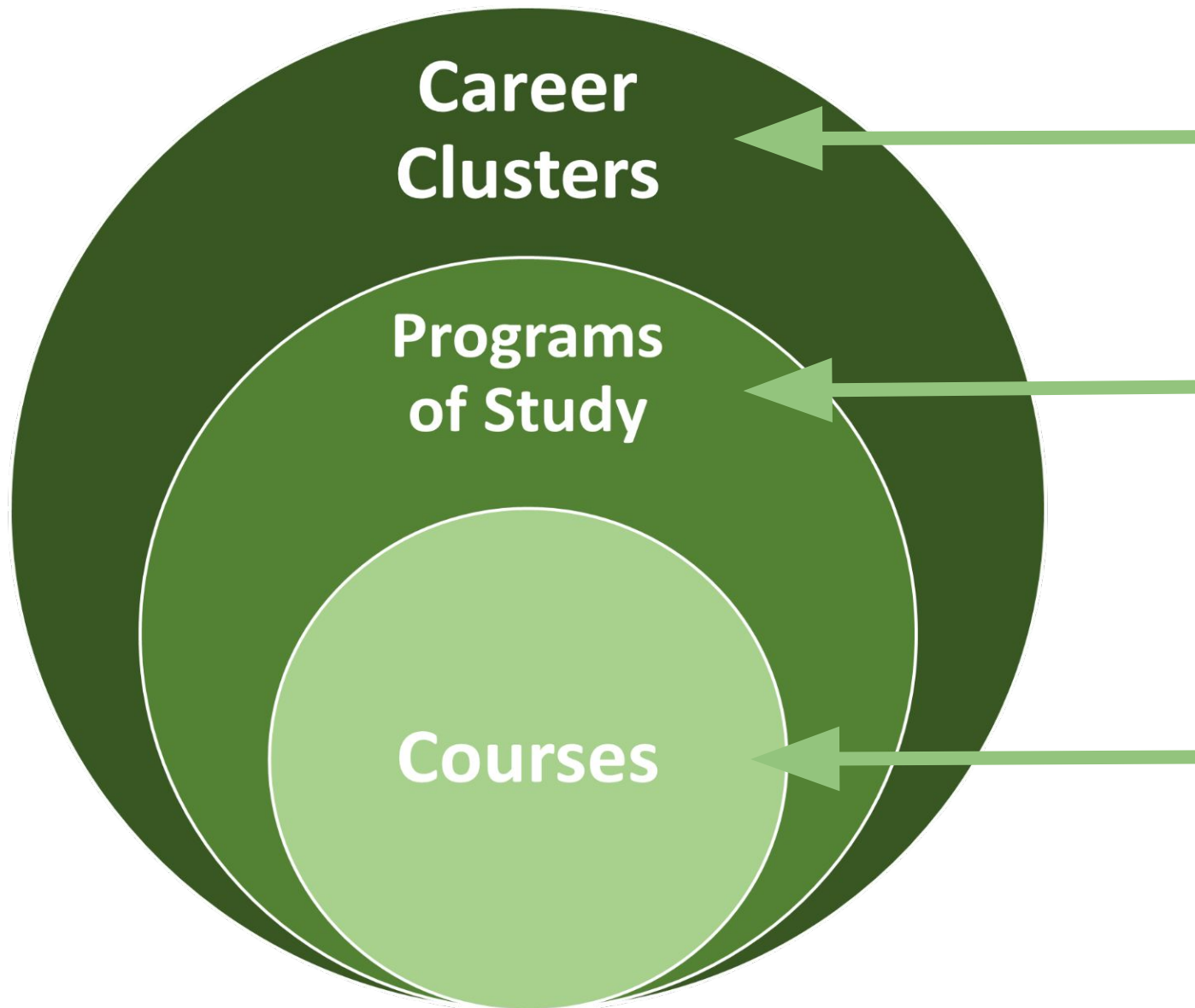
- Provide hands-on learning experiences
- Include work-based learning opportunities
- Align with college and career-readiness standards
- Support the employment needs of local industry

“Students of all abilities and from all backgrounds benefit from high-quality CTE. In fact, CTE students have a lower dropout and higher on-time graduation rates, and many transition to postsecondary education.”

Statutory Requirements

- TEC Section 29.181
 - “Each public school student shall master the basic skills and knowledge necessary for managing the *dual roles of a family member and wage earner*; and gaining entry-level employment in a *high skill-high-wage job* or continuing the *student’s education at the post-secondary level*.”
- TEA requires districts to offer a **minimum** of 1 CTE coherent sequence from 3 different career clusters. Must include:
 - Rigorous secondary academic courses
 - Based on the Foundation High School Program with Endorsements
 - Leads to associate, baccalaureate, and/or graduate degrees
 - Relevant course sequence with college credit opportunities
 - Dual credit, local credit, AP, and/or IB
 - Industry recognized certifications and licensures
 - Curricular, extracurricular, work-based, service learning, and professional organizations

Career and Technical Organization of Coursework



There are 14 Career Clusters that districts may offer to students. HISD offers **12 of the 14 clusters**.

HISD currently offers **18 programs of study**. The programs of study offer courses in an articulated coherent sequence.

HISD currently offers **98 CTE courses** for students.

Through the articulated coherent sequence of courses, students are able to earn numerous Industry Based Certifications (IBCs).

HISD currently offers **more than 35 IBCs**.

HISD Career Clusters

- Agriculture, Food, and Natural Resources
- Architecture and Construction
- Arts, Audio Visual Technology, and Communications
- Business, Marketing, Real Estate, and Finance
- Education and Training
- Engineering
- Health Sciences
- Hospitality and Tourism
- Human Services
- Law and Public Service
- Manufacturing
- Transportation

*12 out of 14 Clusters, currently not offering Energy and Information Technology

CTE Industry Based Certification (IBC) Update

2024-2025 (October)

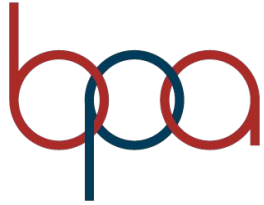
- 55% of Seniors earned an industry-based certification as a Concentrator in their Program of Study
 - 107 Seniors have earned 2 or more IBCs
- *That is an increase of 54 students!*

2025-2026 Current Standings

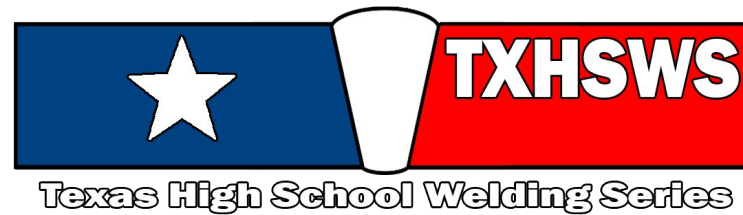
- 23% of Seniors earned an industry-based certification in their Program of Study
 - 41 Seniors have earned 2 or more IBCs so far this school year.



Career and Technical Student Organizations (CTSOs)



**BUSINESS
PROFESSIONALS
of AMERICA**



TPSA
TXPSTA

CTE Student Achievements from 24-25 School Year



Practicing Welding Skills



Precision Welding Academy Scholarships



*Educators Rising National Conference
National Winners*



*Criminal Justice Students Shadow
the Walker County DA*



ESports Club State Competition 2nd Place



FFA Students work in the greenhouse



*FCCLA Students
Showcase their Talents*



SkillsUSA State Conference Cosmetology & Culinary Arts



*FFA Student
3rd in class*

Upcoming Events

- TAFE Regional Competition: November 3, 2025
- Newton FFA Fall Build Off: October 13-17
- Region 6 AWS Workshop Lab: February 3-4, 2026
- TAFE Blood Drive: January 21, 2026 & March 25, 2026
- SkillsUSA Regionals: February 13-15, 2026
- TAFE Teach Tomorrow Summit: February 26-28, 2026
- TXPSTA State: February 21, 2026
- BPA State Leadership Conference: February 27 - March 2 2026
- TPSA Regionals: February 27-28, 2026
- Hornet Hive Welding Call Out: October 18, 2025
- TPSA State: March 30 - April 2, 2026
- SkillsUSA State Leadership & Skills Conference: April 8 - 11, 2026
- FCCLA State Leadership Conference: April 9 - 11, 2026
- HOSA State Conference: March 24-26, 2026

