



2026-2027



Career and Technology Education (CTE) Program Review

“Job training empowers people to realize their dreams and improve their lives.”

- Sylvia Matthews Burwell

Contact Information

District CTE Program Contacts:

- District Director - Ms. Rachael Branch
- District Coordinator - Mrs. Teresa Carpenter
- District Administrative Assistant - Mr. Isac Palacios

Campus Administrative Contacts:

- MPMS Principal - Mr. Colby Oliphant
- HHS Principal - Mr. Robert Gilbert
- HHS Associate Principal - Ms. Heather Harrelson

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
- Perkins V requires data-informed decisions to improve CTE programs

“Vocational education programs have made a real difference in the lives of countless young people nationwide; they build self-confidence and leadership skills by allowing students to utilize their unique gifts and talents. .”

Conrad Burns - American Politician

Statutory Requirements

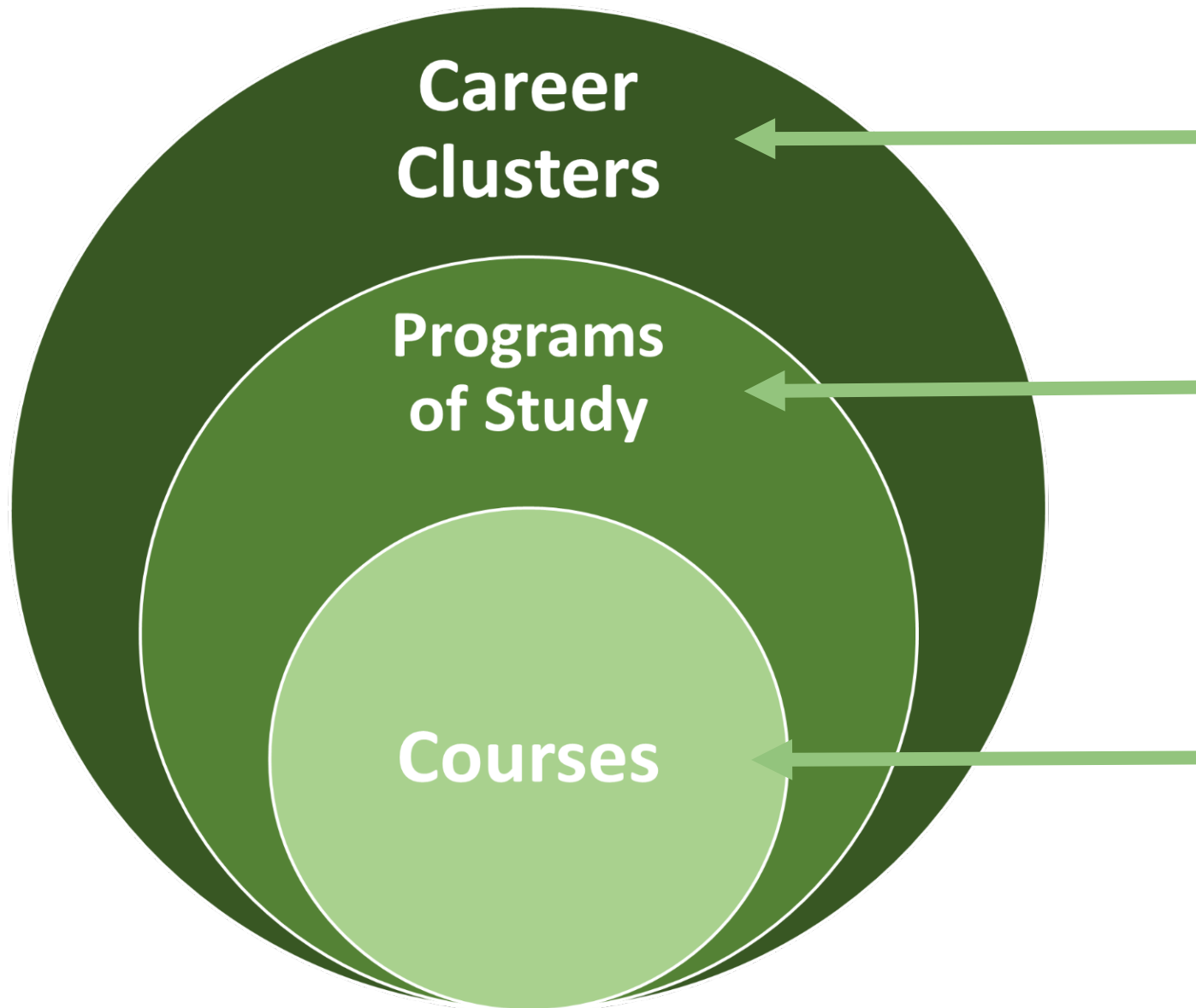
- **TEC §29.181** reads:

“Each public school student shall master the basic skills and knowledge necessary for: (1) managing the dual roles of family member and wage earner; and”_(2) gaining entry-level employment in a high-skill, high-wage job or continuing the student's education at the postsecondary level.”

Texas CTE Programs of Study:

- Provide coherent sequences of CTE courses aligned with occupational knowledge and skills.
- Align with *high-wage, in-demand, and high-skill occupations*.
- Include opportunities for *industry-based certifications (IBCs)*.
- Incorporate *work-based learning and authentic learning experiences*.
- Prepare students for *continued postsecondary education, credentials, and careers*.
- Are organized as *statewide or approved regional Programs of Study*.

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 **19 programs of study**. The programs of study offer courses in an articulated coherent sequence.

HISD currently offers **84 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**.

Mance Park Middle School Goes Virtual!



Students explore **330 careers across eight high-growth sectors** through immersive virtual reality experiences. Real-world simulations bring careers to life while supporting General Employability TEKS.

330

Careers Explored

8

High-Growth Sectors



Huntsville ISD Career Clusters

- Agriculture, Food, and Natural Resources
- Architecture and Construction
 - *(sunsetting 2027)*
- 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

Resource: [TEA Capital Area, WDA 14.](#)

CTE Industry Based Certification (IBC) Update

2026-2027 (October)

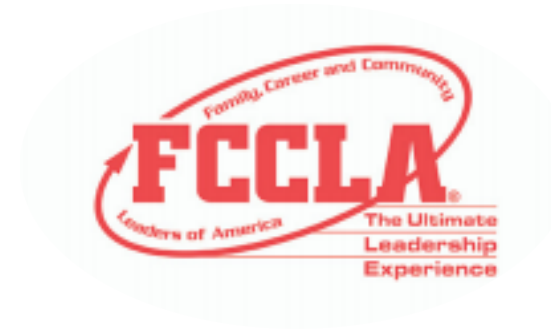
- 12 Seniors have earned an industry-based certification as a Completer in their Program of Study

2025-2026 May 2026

- 87.5% of Seniors earned an industry-based certification in their Program of Study
 - 118 Seniors have earned 2 or more IBCs



Career and Technical Student Organizations (CTSOs)



CTE Student Achievements from 25-26 School Year



Practicing Welding Skills



Educators Rising National Conference



*Criminal Justice Students
3rd Place SkillsUSA State
Crime Scene Investigation*



Real Estate Guest Speaker



*Hornet Welding
State Championship Participants*



FFA Students in Floral Design



*FCCLA
Students
Superior
Rating
SkillsUSA
State*



*SkillsUSA State
Competition FCCLA*

*Cosmetology
working on
barbering skills*



*FFA
State
Ambassador*

Upcoming Events

- Newton FFA Fall Build Off: October 28, 2026
- Hornet Hive Welding Call Out: November 4, 2026
- TAFE Regional Competition: November 2, 2026
- TAFE Blood Drive: November 20, 2026
- Region 6 AWS Workshop Lab: December 8-10, 2026
- SkillsUSA Regionals: February 12-13, 2027
- TAFE Teach Tomorrow Summit: March 4-6, 2027
- DECA State Conference: February 25-27, 2027
- TPSA Regionals: February 26-27, 2027
- HOSA State Conference: March 31 - April 2, 2027
- TPSA State: March 29 - April 1, 2027
- SkillsUSA State Leadership & Skills Conference: April 7-10, 2027
- FCCLA State Leadership Conference: February 11-12, 2027

