CTE and Dual Credit

25/26

CCMR Director Jennifer Torres

[TEA](#) and Programs of Study

3 Programs of Study based on 1,001-2,000 Student Enrollment

6. **How many programs of study should a local education agency offer?**
   Perkins V legislation requires an LEA receiving Perkins funds to offer a minimum of one program of study. Please see the chart below for the program of study requirements based on student enrollment. Districts are encouraged to offer multiple high-quality CTE programs of study that align with the current programs of study course sequences based on statewide and local labor market data.

Fewer than 500 students	1 program of study
501-1,000 students	2 programs of study
1,001-2,000 students	3 programs of study
2,001-5,000 students	4 programs of study
5,001-10,000 students	5 programs of study
10,001 + students	6 programs of study

Programs of Study Course Sequences

Programs of Study

24/25 SY	25/26 SY	26/27 SY

24/25 SY

- Diagnostic & Therapeutic Services
- Agricultural Technology & Mechanical Systems
- Animal Science
- Law Enforcement
- Robotics & Automation Technology
- Teaching & Training
- Business Management
- Automotive & Collision Repair
- Construction Management & Inspection
- Graphic Design
- Digital Communications

11 Programs

25/26 SY

- Diagnostic & Therapeutic Services
- Agricultural Technology & Mechanical Systems
- Animal Science
- Law Enforcement
- Teaching & Training
- Business Management
- Automotive & Collision Repair
- Construction Management & Inspection
- Entrepreneurship (New)
- JROTC (New)

10 Programs

26/27 SY

- Diagnostic & Therapeutic Services
- Agricultural Technology & Mechanical Systems
- Animal Science
- Law Enforcement
- *Teaching & Training (PTECH)*
- *Business Management*
- Automotive & Collision Repair (PTECH)
- Construction Management & Inspection
- Entrepreneurship (New)
- JROTC (New)
- Welding (PTECH)

11 Programs

A Few Dual Credit Requirements

TITLE 19. EDUCATION PART 1. TEXAS HIGHER EDUCATION COORDINATING BOARD CHAPTER 4. RULES APPLYING TO ALL PUBLIC INSTITUTIONS OF HIGHER EDUCATION IN TEXAS SUBCHAPTER D. DUAL CREDIT PARTNERSHIPS BETWEEN SECONDARY SCHOOLS AND TEXAS PUBLIC COLLEGES §4.85. Dual Credit Requirements.

- (f) Course Curriculum, Instruction, and Grading. **The institution shall ensure that a dual credit course offered at a high school is at least equivalent in quality to the corresponding course offered at the main campus of the institution with respect to academic rigor, curriculum, materials, instruction, and methods of student evaluation.** These standards must be upheld regardless of the student composition of the class, location, and mode of delivery.

TITLE 19. EDUCATION PART 1. TEXAS HIGHER EDUCATION COORDINATING BOARD CHAPTER 4. RULES APPLYING TO ALL PUBLIC INSTITUTIONS OF HIGHER EDUCATION IN TEXAS SUBCHAPTER D. DUAL CREDIT PARTNERSHIPS BETWEEN SECONDARY SCHOOLS AND TEXAS PUBLIC COLLEGES §4.84. Institutional Agreements.

- (12) Specific program goals **aligned** with the statewide goals developed under Education Code, §§28.009(b-1), 130A.004, and 130A.101(c)(3);
- (16) A procedure for establishing the course credits that may be earned under the agreement, including developing a **course equivalency crosswalk** or other method of identifying the number of high school and college credits that may be earned for each course completed through the program;

TEKS, WECM, and CCRS are Important

How do we align for technical courses?
– TEKS and WECM

TEKS: Texas Essential Knowledge and Skills = state mandated curriculum

WECM: Workforce Education Course Manual = Texas-based, web-based inventory of approved technical education courses for public community and technical colleges

TEKS Alignment for DC Welding

High School TEKS Alignment %			
Ag Mech TEKS Alignment	**Welding TEKS Alignment**	**College Course - Abbreviation & Number**	**WECM for Welding Courses (DC)**
Agricultural Mechanics and Metal Technologies/ **30%**	Welding I* - **100%**	WLDG 1428 - Intro to Shielded Metal Arc Welding	Select electrodes and amperage settings for various thicknesses of materials and welding positions; define principles of arc welding; explain electrode classifications; and perform SMAW operations utilizing various positions, electrodes, and joint designs.
		WLDG 1430 - Gas Metal Arc Welding	Describe welding positions with various joint designs; describe the effects of welding parameters in GMAW; apply safety rules; troubleshoot equipment used; perform visual inspection; weld various types of structural material; and diagnose welding problems.
Agricultural Structures Design and Fabrication/ **20%**	Welding II - **80%**	WLDG 1313 - Intro to Blueprint Reading for Welders	Define terms and abbreviations; interpret views, lines, dimensions, detail drawings and welding symbols; identify structural shapes; demonstrate the proper use of measuring devices; and calculate dimensions.
Agricultural Equipment Design and Fabrication/ **20%** Or Practicum in Ag/ **10%**	Practicum in Manufacturing - **50%****	WLDG 1457 - Intermediate Shield Metal Arc Welding	Identify principles of arc welding; describe arc welding operations of fillet and groove joints; explain heat treatments of low alloy steels; explain weld size and profiles; prepare test plates; perform fillet welds in the overhead position; perform air carbon arc weld removal; perform groove welds in various positions; and demonstrate use of tools and equipment.
		WLDG 1317 - Intro to Layout and Fabrication	Interpret welding symbols; utilize measuring instruments and tools for fabricating projects; define layout and fabrication terminology; and identify structural shapes and materials.
		WLDG 1435 - Intro to Pipe Welding	Describe equipment utilized; demonstrate required pipe preparation; and perform welds using various positions and electrodes.
		WLDG 1353 - Intermediate Layout and Fabrication	Interpret orthographic and isometric drawings; identify fittings, weldments and tools; and perform layout methods on structural steel and pipe using layout tools and templates.
Remaining TEKS are Agriculture related	* 26/27 Transition Year		
	** other TEKS cover workforce readiness		

What now?

Why are changes being made?

To ensure **proper alignment** between high school courses, college dual credit requirements, TEKS, WECM standards, and industry expectations. This work **corrects misalignment** that currently exists and strengthens long-term program quality and student outcomes.

Who is impacted?

- These changes apply to **future course planning beginning in the 2026–2027 school year**.
- Current students will be supported through transition planning and clear communication.

What's Changing

- **Dual credit welding will be aligned exclusively with the Welding pathway.**
  - This ensures coursework meets college and workforce requirements.
- **Agriculture courses will no longer carry welding dual credit.**
  - The current Ag coursework does not align with college welding dual credit requirements.
- **Pathways are being intentionally separated to improve clarity and compliance.**
  - This supports credential integrity, program sustainability, and accurate communication to families.

What's Not Changing

- **Welding instruction continues in both pathways.**
  - Both Agriculture and Welding programs will continue hands-on welding instruction.
- **Industry-Based Certifications remain available.**
  - Both pathways will continue to offer the **AWS D9.1 Industry-Based Certification**.
- **FFA opportunities are not being eliminated.**
  - Agriculture courses will continue to support FFA participation, leadership development, and related opportunities.
- **Dual credit welding is not being eliminated.**
  - Dual credit remains in place and may expand in the future through a **P-TECH / Associate of Applied Science (AAS)** model.
- **Students may still be able to participate in both pathways**, depending on scheduling and availability.

Summary

- This is an **alignment correction**, not a reduction of opportunity.
- The goal is to protect:
  - Accreditation
  - Accountability
  - Funding
  - Student credentials
  - Dual credit integrity
  - Workforce readiness
  - Long-term program sustainability