

**Texas State Technical College
Dual Credit
Memorandum of Understanding**

This Dual Credit Memorandum of Understanding (hereinafter referred to as "MOU") is between **Texas State Technical College**, an institution of higher education and an agency of the State of Texas (which may hereinafter be referred to as the "College" or "TSTC"), the **Waco Independent School District** (which may hereinafter be referred to as the "District"), and the below listed high school(s) which is/are part of the District (which may hereinafter be referred to as the "High School Partner" or collectively as the "High School Partners"). TSTC, the District, and the High School Partner(s) may individually be referred to as a "Party" or collectively as "Parties" to this MOU.

High School Partner	High School CEEB Code	Name and Physical Address of Dual Credit Instructional Location/Site (Geographical Address where instruction occurs)	ISD Instructional Formats (Online, TSTC Campus, Off-site Credentialed Facility)
Waco High School	447300	Greater Waco Advanced Manufacturing 2401 JJ Flewellen Rd. Waco, TX 76704	Offsite (GWAMA)
University High School	447320	Greater Waco Advanced Manufacturing 2401 JJ Flewellen Rd. Waco, TX 76704	Offsite (GWAMA)

The Parties enter into this MOU as authorized by [Texas Administrative Code, Title 19, Part 1, Chapter 4, Subchapter D, Rule § 4.84\(a\)](#), and agree as follows:

OVERVIEW

TSTC is committed to serving the students and communities of Texas through collaborative work with High School Partner(s). A major initiative promoting technical education and careers is the **Texas State Technical College Dual Credit Program**, which includes the provision of the Dual Credit state program to qualified students. Dual Credit agreements will be aligned with the strategic priorities of the District and the College. TSTC will annually review Dual Credit Pathways and matriculation rates, in addition to the economic development needs of the State of Texas in order to ensure the partnerships in place are commensurate with all aforementioned strategic goals.

DUAL CREDIT MISSION

In order to prepare students for educational and career success, the purpose and mission of TSTC's Dual Credit program is to provide a comprehensive, structured approach leading to a post-secondary credential at Texas State Technical College. This model allows students the opportunity to complete Career and Technical Education (CTE) courses and potentially prepares them to test for industry-based

certifications. The High School Partner(s) agrees to support TSTC's Dual Credit students in completing coursework in their chosen Dual Credit pathway, and streamline matriculation efforts to TSTC to pursue a credential in a high-demand, high-wage field of study.

MOU PURPOSE

The purpose of this MOU is to outline the roles and responsibilities of TSTC, the District and the High School Partner(s). This MOU is an agreement that encompasses all programs and initiatives under TSTC's Dual Credit program, as required by the Texas Education Agency and the Texas Higher Education Coordinating Board.

KEY COMPONENTS OF THIS MOU

Upon execution of this MOU, TSTC agrees to:

- 1) Provide the High School Partner(s) with a Dual Credit pathway that is reflective of regionally based industry needs.
- 2) Support the High School Partner(s) by way of College recruitment presentations and informational meetings for all students at the High School Partner(s) locations throughout the school year.
- 3) Advise the High School Partner(s) and students of Dual Credit opportunities within a career pathway that leads to matriculation into TSTC, with the intention of helping to place students in high-demand, high-wage jobs.
- 4) Provide pathway alignment of TEA approved Endorsements and Program of Study course TEKS to College course [Workforce Education Course Manual \(WECM\)](#) outcomes by way of suggested crosswalks for Dual Credit courses, postsecondary pathways, credentials at the institution, and industry certifications. [Texas Administrative Code, Title 19, Part 1, Chapter 4, Subchapter D, Rule § 4.84 \(c\)](#).
- 5) Post a copy of this MOU to TSTC's website at de.tstc.edu in accordance with [Texas Administrative Code, Title 19, Part 1, Chapter 4, Subchapter D, Rule § 4.84 \(c.10\)](#) and, upon completion of this document, provide a copy for the High School Partner(s) to post to the District's website.

Upon execution of this MOU, the **High School Partner(s)** agree(s) to:

- 1) Work with the Office of Dual Credit to identify and complete the Pathway Offering Form, electronically sent after receipt of the signed MOU (Attached hereto as an example, **EXHIBIT A**).
 - a) High School Partner(s) wishing to add new Dual Credit technical pathways to their existing Pathway Offering form must submit their request in writing to the Office of Dual Credit no later than April 30, 2024, for Academic Year 2024-2025 implementation.

- 2) Adhere to TSTC's Dual Credit deadlines as outlined below and within the Academic Calendar and to follow all College enrollment procedures and guidelines for Dual Credit students.

**Dates are subject to change*

Deadline to submit signed 2024-2025 MOU	March 15, 2024
Deadline for Off-Site Facilities Approval	April 5, 2024
Deadline for new DC Instructor Credentialing (Application/Documentation Submitted to College)	April 20, 2024
Deadline for submission of all onsite (TSTC Campus) student applications/ documents	July 12, 2024
Deadline for submission of all online and offsite location applications/ documents	August 10, 2024
Deadline for all student registration	August 24, 2024

- 3) Coordinate with TSTC regarding Dual Credit presentations throughout the academic year on a predetermined basis (fall and spring) to include both application and registration drives, in addition to other presentation format options.
- 4) Notify TSTC of any special Texas Education Agency designation plans, obligations or proposed partnerships for all grant applications. **A copy of the proposal and/or a detailed statement of work must be provided to TSTC, to be vetted through the Office of Dual Credit, the Office of the Provost and the Office of Sponsored Programs, a minimum of thirty (30) days before the grant application is due.** TSTC will provide a written response (approval or disapproval) within two weeks of receipt of the request and the appropriate documentation.
- 5) Post a copy of this MOU to the District's website in accordance with [Texas Administrative Code, Title 19, Part 1, Chapter 4, Subchapter D, Rule § 4.84 \(c.10\)](#)

STUDENT ELIGIBILITY

TSTC requires High School Partner(s) to follow all College enrollment procedures and guidelines for Dual Credit students. All admissions and eligibility requirements are outlined by the Texas Higher Education Coordinating Board laws and regulations, the [Texas Administrative Code, Title 19, Part 1, Chapter 4, Subchapter D and Subchapter G Rule § 4.85](#), and in the College's [Statewide Operating Standard \(SOS\) ES 4.07 Admission of Students](#).

The Texas Success Initiative Assessment (TSIA) 2.0 is a program designed to assess students' readiness for postsecondary coursework and provide appropriate interventions, services and

instructional activities to prepare students for success in college-level courses. Dual Credit students must take the TSIA 2.0 assessment prior to enrolling with TSTC unless otherwise exempt or waived.

ELIGIBLE COURSES

Courses offered by TSTC are developed based on the guidelines published in the [Workforce Education Course Manual \(WECM\)](#) or the [Academic Course Guide Manual \(ACGM\)](#) adopted by the Texas Higher Education Coordinating Board (THECB) and must be in the approved course inventory of the College and approved for Dual Credit by the College's applicable instructional department and TSTC's Office of Dual Credit. **Remedial or continuing education courses will not be offered for dual credit. TSTC does not offer concurrent enrollment to high school students, except where Individual Approval is met, as stated in TSTC's [Statewide Operating Standard \(SOS\) ES 4.07 Admission of Students.](#)**

Enrollment

The High School Partner(s) will designate **ONE** High School Contact responsible for:

- 1) guiding students in the selection of one Dual Credit pathway from the list of programs agreed upon between the High School Partner(s) and TSTC on the Pathway Offering Form. Enrollment in multiple pathways is not permitted; and
- 2) coordinating and submitting of all required documents for admission and registration to the assigned Dual Credit Representative no later than August 10, 2024; and
- 3) adhering to all established College deadlines, policies and procedures including but not limited to schedule changes including, additions, drops, and withdrawals; and
- 4) working in collaboration with the College's Dual Credit office regarding admissions, advisement, registration, grading, reporting and program improvements; and supporting student communication with instructors.

High School Partner Contact Name: David Hamilton

Email Address: david.hamilton@wacoisd.org

Phone Number: 254-755-9420

TSTC will designate one Dual Credit Representative responsible for:

- 1) coordinating and tracking submission of all required documents for admissions and registration from the High School Partner(s); and
- 2) submitting documents from High School Partner(s) for admission and registration to the Office of the Registrar; and
- 3) working with the High School Partner(s)' designated Dual Credit contact to schedule and conduct application and registration drives, program presentations and campus tours, etc.

ACADEMIC POLICIES AND ENROLLMENT PROCEDURES

- 1) Academic policies and procedures applicable to regular College courses and students will also apply to dual credit courses.
- 2) Students are to abide by the Rules and Regulations set forth in TSTC Catalog and Student Handbook, which are published and available on TSTC website at www.tstc.edu for the current academic year. Academic policies can also be found in the [TSTC Statewide Operating Standards \(SOS\) website](#).
- 3) Dual Credit classes will follow TSTC's Academic Calendar. Exceptions may be arranged through collaboration between the College and the High School Partner(s).

Student Drops/ Withdraws

Students are responsible for notifying their high school counselor and Dual Credit Representative if they are wanting to withdraw from their course(s). Students are required to sign and submit a Course Schedule Change form to the College, in accordance with TSTC's Academic Calendar, in order to be formally dropped from their enrolled course(s). Students who drop after the first class day will still incur the Dual Credit tuition fee in accordance with [Statewide Operating Standard \(SOS\) FA 1.09 Refund of Tuition and Fees](#), if they do not fall under the eligibility requirements for the FAST Program (see below).

METHOD OF DELIVERY AND LOCATION OF CLASS

Courses may be delivered utilizing the method mutually determined by TSTC and the High School Partner(s), which may include the following:

- 1) Delivery at the High School Partner(s)' campus utilizing a high school teacher credentialed and employed and defined in [Statewide Operating Standard \(SOS\) ES 1.11 Faculty Credentials](#) as a College Dual Credit Instructor (DC Instructor); or
- 2) Delivery on a TSTC campus utilizing College Instructors whereby students are integrated into traditional course section offerings; or
- 3) Delivery online utilizing a TSTC Instructor.

Please note: The delivery of courses is subject to change based on curriculum and program updates relative to the modality of instruction.

Dual Credit classes taught in a hybrid modality, as defined by the Texas Higher Education Coordinating Board (THECB), [Texas Administrative Code, Title 19, Part 1, Chapter 4, Subchapter P, Rule §4.257](#), is "A course in which the majority (more than 50 percent but less than 85 percent), of the planned instruction occurs when the students and instructor(s) are not in the same place. Hybrid courses taught by TSTC are when part of the course is delivered online and part of the course is delivered face-to-face.

Dual Credit classes not taught on a College campus or during regular class hours may include but are not limited to:

- 1) Distance Education: Distance education courses encompass online and hybrid courses as stated in TSTC's [Statewide Operating Standard \(SOS\) ES 2.20 Distance Education](#). Dual

Credit students participating in classes delivered online by TSTC are not required to be at the off-site location to receive instruction. Online courses that are delivered 100% online are accessible at any time or location where a student has a computer and internet access. or

- 2) Special technical programs approved to run outside the designated block time; or
- 3) Courses taught at high school, face-to-face; or
- 4) Courses taught in a hybrid modality **Subject to availability by program and location**

Please note: Some programs may be offered through non-traditional modalities such as course/credit-based Competency-Based Education (CBE). TSTC refers to CBE programs as Performance-Based Education (PBE).

COURSE CURRICULUM, INSTRUCTION, AND GRADING

High School Partner(s) that participate in the Dual Credit Program at Texas State Technical College will comply with procedures and guidelines established by TSTC.

Grading Procedures

All DC Instructors will follow the College's grading system as stated in TSTC's [Statewide Operating Standard \(SOS\) ES 4.06 Grading System](#) as well as the grading criteria in the department-approved syllabus.

- 1) A student must earn a grade of "C" or better in a WECM course to pass if the course is not a Performance-Based Education (PBE) course. Performance-Based Education (PBE) courses require a grade of B or better to pass and enroll in the next course.
- 2) Dual Credit students are issued letter grades as pursuant to TSTC's grading system. Dual Credit Representatives do not have access to numerical grades.). **If High School Partner(s) require a numerical grade they must directly contact the instructor of record for the course(s).**

FACULTY QUALIFICATION, SELECTION, HIRING, SUPERVISION AND EVALUATION

TSTC has established an approval process for selecting and approving qualified faculty to teach Dual Credit courses. Faculty applying to teach a Dual Credit pathway must meet the credential requirements as stated in TSTC's [Statewide Operating Standard \(SOS\) ES 1.11 Faculty Credentials](#), which includes the criteria used by the College to determine teaching eligibility. Applicants are required to submit all required documents for the hiring process, **including a completed employment application, résumé via Workday and copies of transcripts and/or industry certifications**, to TSTC's Department of Student Learning at faculty.credentialing@tstc.edu.

- 1) TSTC will ensure that College faculty teaching Dual Credit courses have met acceptable national criminal background checks, which may include fingerprinting.
- 2) Each approved Dual Credit Instructor will be supervised by TSTC's respective designee and be evaluated and monitored to ensure quality of instruction and compliance with the College's policies and procedures in accordance with TSTC's [Statewide Operating Standard \(SOS\) ES 1.11 Faculty Credentials](#).
- 3) In the event of an investigation of a personnel matter, the College and the High School

Partner(s) will work collaboratively and in a timely manner share any and all information necessary with TSTC's Human Resource office and the corresponding Districts' Human Resource office.

Employment with College is contingent upon the following:

- 1) TSTC complies with the Immigration Reform and Control Act; all positions are contingent upon proof of eligibility to accept employment in the United States. Documentation of eligibility must be provided within 72 hours of application
- 2) Satisfactory evaluation of references and required criminal background checks.
- 3) Satisfactory results of pre-employment medical exam (drug screen only).
- 4) Continued employment is contingent on the required approval, availability of funding, satisfactory performance assessment, and a continued need for the position in the College's department.
- 5) Employees are held responsible for ensuring that **official** transcripts are received by TSTC no later than his or her 30th day of employment. Failure to do so could result in termination of employment.
- 6) Submission of a completed application, along with required documentation, must be done no later than April 20, 2024.
- 7) Continued employment is contingent on an executed MOU with the District and High School Partner.

College DC Instructors will receive stipend pay for the semester the course is taught which will be divided and paid out monthly according to the course start and end dates. Payment may be subject to change should a DC instructor be removed from instruction for any reason (such as extended leave) during the agreed upon semester and course. **Please note: Stipends are contingent on courses taught, not individual sections.** The 2024-2025 stipend system is as follows:

Dual Credit Instructor Stipend Per Semester	\$750 1-2 courses	\$1,250 3-4 courses	\$1,500 5+ courses
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High School Partner(s) and Dual Credit Instructor Expectations:

- 1) The DC Instructor will follow current College procedures to ensure students participating in the course(s) are officially listed on the roster by TSTC's Census date. Any student not on the roster by the 11th day of class (Census Day) will not be enrolled in the course.
- 2) The DC Instructor(s) will report to the designated TSTC Student Learning designee for the program with which they are associated for instructional guidance and support including course delivery expectations.
- 3) DC Instructors will submit required reporting documents through the designated Learning Management System and Workday (such as: submission of midterm and final grades and certification of rosters) in accordance with all timelines and due dates. **All new Dual Credit Instructors are required to complete Faculty Orientation administered by the Human Resources/ Learning and Development Office prior to the first day of class.**

Please note: If Faculty Orientation or other annual online training required by TSTC is not completed by the Dual Credit Instructor prior to the first day of class, the associated pathway will be in jeopardy of being offered to the High School Partner(s).

- 4) DC instructors will complete an annual online faculty orientation and the Essentials training offered by the Human Resources Learning and Development Team via Workday. DC Instructors must comply with HB 2504 and submit the required curriculum vitae (CV) and the course syllabus by the appropriate deadline each semester.
- 5) The High School Partner(s) will allow release time from high school duties for DC Instructors to complete the required number of hours of faculty development per year as referenced in [Statewide Operating Standard \(SOS\) HR 1.18 Faculty Professional Development](#).
- 6) In order to ensure instructional needs are met, the High School Partner(s) will notify TSTC's Dual Credit office of any DC Instructor personnel changes ninety (90) days prior to the first day of the semester. **Any sections with changes in High School personnel within ninety days of the first day of class may be subject to cancellation.**
- 7) In order to ensure instructional needs are met, if any staffing personnel changes occur due to extended leave, the High School Partner(s) are required to notify the Office of Dual Credit and their supervisory Student Learning designee immediately.
- 8) The rigor of college-level course work can often require additional time outside of class in order to meet all course learning objectives and outcomes; therefore, DC Instructors should encourage students to allow a sufficient amount of time to complete out-of-class work assignments.
- 9) When issuing grades, DC Instructors are not permitted to alter the earned College letter grade scale, which may differ from the High School Partner(s)' numeric grade scale.
- 10) Dual Credit students are expected to meet the required minimum number of contact hours per semester in courses offered at the High School Partner(s)' location.

FACILITIES, TEACHING ENVIRONMENT, ENROLLMENT

Facilities

The High School Partner(s) will work with TSTC to ensure that the High School Partner(s)' facilities meet the expectations and criteria required for college classes, and are appropriate for college-level instruction that include the following:

- 1) **High School Partner(s) are required to enroll a minimum of 15 College Dual Credit students for each offsite course section offered at the High School Partner(s) request.**
- 2) High School Partner(s) will ensure that DC Instructors and Dual Credit students have appropriate access to all available instructional resources and essential technology.
- 3) High School Partners will ensure that all required textbooks, materials and additional supplies will be acquired by the ISD or student prior to the first day of class
- 4) High School Partner(s) shall permit access to TSTC's electronic learning resources when the course is taught at the High School Partner(s) facility; and
- 5) High School Partner(s) offering courses shall meet the laboratory safety standards and have materials/equipment that comply with College program requirements.

- 6) High School Partner(s) will ensure the safety and security of the High School facilities where Dual Credit classes are held on High School leased or owned property.
- 7) TSTC will ensure the safety and security of the College's facilities where Dual Credit classes are held on College leased or owned property.

The number of courses in a Dual Credit pathway offered at a High School Partner(s) off-site location will be monitored and approved on an annual basis by TSTC's Curriculum Committee. All applicable off-site reporting requirements with TSTC's accreditor, Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) will be met in accordance with [Statewide Operating Standard \(SOS\) GA 1.23 SACSCOC Substantive Change Compliance](#). When necessary, TSTC must seek approval from SACSCOC to offer 50% or more credits toward a program at an off-site location before implementation. **Timeline for SACSCOC approval can take up to one year.** Changes to an off-site location including name, physical address, relocation or closure must be reported to TSTC 60 days prior to implementation.

Please note: Failure to ensure Dual Credit Instructors and students have all the required aforementioned resources can impact TSTC's decision to execute subsequent partnership agreements with the High School Partner(s).

Composition of Class

Dual Credit courses will be composed as defined by the Texas Higher Education Coordinating Board laws and regulations, the [Texas Administrative Code, Title 19, Part 1, Chapter 4, Subchapter D and Subchapter G Rule § 4.85](#).

The High School Partner(s) may not enroll both dual credit and non-dual credit students in the same section, unless the creation of a high school credit-only class is not financially viable for the high school and only under one of the following conditions:

- a) If the course is required for completion under State Board of Education High School graduation requirements, and the school is otherwise unable to offer such a course; or
- b) If the high school credit-only students are College Board Advanced Placement or International Baccalaureate students; or
- c) If the course is a career and technology/college workforce education course and the high school credit-only students are eligible to earn articulated college credits.

Monitoring Instruction

High School Partner(s) will work with TSTC so that College personnel will have the opportunity to monitor the quality and rigor of instruction in compliance with the College's course syllabus and the standards established by the state of Texas, the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) and the High School Partner(s). TSTC's Student Learning designee for the program must conduct a faculty evaluation. The evaluation and training shall include, but not be limited to:

- 1) Coordinated check-ins with the Student Learning designee (face-to-face or online);

- 2) A College end-of-semester course and instructor evaluation completed by students sent to their mymail@tstc.edu email account; and
- 3) A mandatory yearly instructor orientation/training session for all DC instructors, offered online during the month of August.

FINANCE AND FUNDING

FAST (Financial Aid for Swift Transfer) Program

TSTC has opted to participate in the [FAST Program](#) for the 2024-2025 Academic Year as defined in [Texas Education Code, Section 61.003\(8\)](#). Dual Credit students eligible for free Dual Credit tuition, under this program, must meet the following student eligibility requirements:

- 1) are enrolled in an eligible dual credit course at a public school district or charter school (i.e., eligible for Foundation School Program funding); and
- 2) are taking a course offered through an institutional agreement, as outlined in [TAC, Section 4.84](#), from an institution of higher education that has opted to participate in FAST; and
- 3) were qualified for free/reduced-price lunch in any of the four school years prior to the academic year in which they enroll in the dual credit course.

The College will adhere to all reporting requirements and deadlines set forth by the Texas Higher Education Coordinating Board (THECB) to identify eligible students. Student(s) identified as being eligible for free tuition under this program, will not have their tuition invoiced to the ISD.

It is the High School Partner(s) responsibility to:

- 1) **ensure that proper reporting of student(s) economic status is reported to the Texas Education Agency (TEA) in order for student eligibility to be determined;**
- 2) **to notify the College of student eligibility in a timely manner; and**
- 3) **to ensure that all other fees related to dual credit courses, including, but not limited to: required textbooks, tools, uniforms, software, supplies, computer specifications, internet, and access to all necessary platforms are supplied to the student(s) at no cost to them.**

Tuition and Fees

Dual Credit courses are offered at a reduced tuition waiver and fee rate of \$33.00 per credit hour. Dual Credit student eligibility and enrollment requirements must be met for the tuition waiver to apply.

Invoicing

TSTC will invoice the High School Partner(s) for all applicable tuition and fee charges under the sponsorship billing process. Invoicing will follow [Statewide Operating Standard \(SOS\) FA 1.09 Refund of Tuition and Fees](#), unless the fees are specifically designated as non-refundable. Invoicing will begin after student(s) FAST eligibility status has been identified. Students enrolled in semester credit hour courses who drop a course or withdraw from school prior to the first class day shall incur no tuition cost. Students in semester credit hour courses who officially withdraw from school or drop a

course after classes begin shall receive their tuition and fees reduced according to the following schedule:

Invoicing fees are as follows:

7 week semester:

TSTC Credit Hour(s)	30% fee Up to 7th class day	75% fee Up to 9th class day	100% fee After 9th class day
1	\$9.90	\$24.75	\$33
2	\$19.80	\$49.50	\$66
3	\$29.70	\$74.25	\$99
4	\$39.60	\$99	\$132

15 week semester:

TSTC Credit Hour(s)	30% fee Up to 14th class day	75% fee Up to 19th class day	100% fee After 19th class day
1	\$9.90	\$24.75	\$33
2	\$19.80	\$49.50	\$66
3	\$29.70	\$74.25	\$99
4	\$39.60	\$99	\$132

The High School Partner(s) will designate a Business Accounting Office Contact to work with TSTC's Student Accounting office regarding invoices. The Business Accounting Office Contact, listed below, will receive the invoices and be responsible for remitting payment to the College.

Business Accounting Office Contact Name: Sherry Smith
 Email Address: sherry.smith@wacoisd.org
 Phone Number: 254-755-9420

Books and Supplemental Materials

The High School Partner(s) are responsible for ensuring students have obtained access to the correct editions of required textbooks, tools, uniforms, software, supplies, computer specifications, internet, and access to all necessary online platforms, etc., **before the first day of the college's class.**

Textbooks, materials, and supplies are available for purchase through the TSTC bookstore at <https://www.tstc.edu/student-life/bookstores/>. Some programs use digital textbooks from a third party platform that is built into the online Learning Management System. The District will receive a separate invoice reflecting the cost of the textbook **if students do not opt out of this option.**

Each semester, the Office of Dual Credit will share the upcoming semester's textbook and additional materials requirements with the High School Partner(s). A list of required materials will be provided via email by the DC office before each semester and will be posted on the DC website at de.tstc.edu, located under the resources section: [Textbook and Materials Information](#).

Please note: Failure to ensure students are prepared for class could result in the student's removal from the course and can impact TSTC's decision to execute subsequent partnership agreements with the High School Partner(s).

Susan Kincannon
Signature Susan Kincannon (Feb 18, 2024 17:52 CST)

STUDENT RIGHTS AND RESPONSIBILITIES

Dual Credit students must abide by the Code of Student Conduct outlined in the current College Catalog and Student Handbook. Dual Credit students will be dismissed for disruptive behavior and referred to their high school principal or designee for disciplinary action on the high school side. Dual Credit students attending classes on TSTC's campus will be treated as college students and are responsible for knowing all rules and regulations of the College. Student conduct violations will be handled through the Code of Student Conduct, [Statewide Operating Standard \(SOS\) ES 3.23 Student Rights and Responsibilities](#).

Enrolled students will be granted access to both Student Information Systems and Learning Management System platforms which includes grades, transcripts, and other College resources.

Student Grievances/Complaints

Procedures for handling student grievances or complaints, as it relates to the college course or customer service, are applicable to all students, including those enrolled in dual credit courses. Dual Credit students with grievances or complaints shall follow the procedures as stated in TSTC's [Statewide Operating Standard \(SOS\) ES 3.24 Student Grievances and Complaints](#), as published in TSTC's [Student Catalog and Student Handbook](#).

STUDENT SUPPORT SERVICES

TSTC and the High School Partner(s) will adhere to Section 504 of the Americans with Disabilities Act Amendments Act (ADAAA). Students in Dual Credit courses will have access to the same or comparable support services that are afforded College students on the main campus. TSTC is responsible for ensuring timely and efficient access to Student Support Services. Services such as

these may require a signed student and/or parent consent form to receive services.

TSTC will adhere to and comply with current College policies and procedures, and federal, state and local laws, that govern the College for individuals and/or students with disabilities that require accommodations.

The High School Partner(s) agree that in classes for which college credit is awarded, accommodations will need to meet standards under the ADA and Section 504, subpart E, and will adhere to TSTC's current policies and procedures for determining reasonable accommodations and grievances. Service coordination and costs of required accommodations will be afforded through a collaborative effort. Building and information technology access will be the responsibility of the owner/provider of that infrastructure, including access to web-based curriculum materials.

The High School Partner(s) agree that classes in which high school credit is awarded, the ADA and Section 504, subpart D, accommodations will be the responsibility of the High School Partner(s). If an accommodation fundamentally alters the course, college credit will not be awarded. Students with disabilities who require accommodations will be required to self-disclose with TSTC's Access & Learning Accommodations (ALA) Office.

All Dual Credit students have access to supplemental instruction and tutoring services provided by **TSTC's Office of Student Success**. Dual Credit students also have access to the **Advocacy and Resource Center**, which is designed to assist students with non academic barriers, including basic needs, child care, food pantry, lending library and transportation. Students are responsible for contacting the office for services as needed.

It is the responsibility of the Dual Credit students, their parents/legal guardians or sponsoring agents to provide health and accident insurance for the Dual Credit students. Further, High School Partner(s), the Dual Credit students, their parents/legal guardians or sponsoring agents will hold the College harmless and waive any claims, past, current or future, they may have for any death, personal injury, property damage or accidents involving students or visitors while on TSTC's campus or off-campus instructional site locations.

Learning and Library Resources

All Dual Credit students and DC Instructors have access to TSTC's learning and library resources via the Learning Resource Center (http://tstc.edu/student_life/learningresource). Students will receive regular and timely instruction in the use of the library and other resources.

TRANSCRIPTION OF CREDIT

A college grade shall be transcribed upon completion of the semester for the courses in which they are officially enrolled and will adhere to the current grading policy. The High School Partner(s) agree to evaluate the learning objectives to be achieved by students completing the College's Dual Credit college courses and to transcribe credit on the student's high school transcript accordingly.

ARTICULATED CREDIT

The College does not offer articulated credit as an alternative to Dual Credit to the High School

Partner(s).

CAMPUS ACTIVITY AND TRANSPORTATION

The College assumes no obligation or responsibility for the transportation of students to or from the College's campus or any other training facility. Students that have a free period while on the College's campus will not be monitored. The High School Partner(s) shall hold harmless the College for any death, personal injury, property damage and/or campus disruption caused by High School Partner(s) personnel or students. The College is not responsible for High School Partner(s)' students who leave the College's grounds.

FERPA

The Parties agree to maintain the records for all students by all applicable federal, state and local laws. For the purposes of this MOU, pursuant to the Family Educational Rights and Privacy Act of 1974 (FERPA), TSTC hereby designates the High School Partner(s) as a school official with legitimate education-related interests in the educational records of the students who participate in the Dual Credit program to the extent that access to the records is required by the High School Partner(s) to carry out the functions of the program. The Parties agree to maintain the confidentiality of the students' educational records in accordance with the provisions of FERPA. The Parties shall not release educational records to any third party without written consent by the affected student.

CYBERSECURITY TRAINING

If District has access to a TSTC computer system or database, District represents and warrants that it will comply with the requirements of Section 2054.5192 of the Texas Government Code relating to cybersecurity training certified by the Department of Information Resources (DIR) and required verification of completion of the training program. A [Third Party Vendor](#) form must be signed by the High School Partner(s) designee before access is granted to the College's learning management system.

FORCE MAJEURE

Neither Party to this MOU will be liable or responsible to the other for any loss or damage, or for any delays or failure to perform, due to causes beyond its reasonable control including, but not limited to, acts of God, strikes, epidemics, pandemics, war, riots, flood, fire, sabotage, or any other circumstances of like character ("Force Majeure Occurrence"). However, at the sole discretion of TSTC, the term may be extended in an amount necessary for TSTC to complete the purposes of this MOU, which delay(s) have been caused by the Force Majeure Occurrence, and during said extension, the High School Partner shall work diligently in accordance with this MOU to complete the purposes of this MOU.

TEXAS PUBLIC INFORMATION ACT

Notwithstanding any provisions of this MOU to the contrary, the High School Partner(s) understands that TSTC will comply with the Texas Public Information Act, Gov't Code, Chapter 552 as interpreted by judicial opinions and opinions of the attorney general of the state of Texas. TSTC will notify High School Partner(s) of receipt of a request for information related to this MOU. High School Partner(s) will cooperate with TSTC in the production of documents responsive to the request.

High School Partner(s) may request that TSTC seek an opinion from the attorney general of the state of Texas; however, TSTC will not honor High School Partner(s)'s request for an opinion if the request is not based upon a reasonable interpretation of the Texas Public Information Act. Additionally, High School Partner(s) will notify TSTC's Office of General Counsel of any third-party requests for information that was provided by the state of Texas for use in conducting this MOU. This MOU and all data and other information generated or otherwise obtained in the performance of its responsibilities under this MOU may be subject to the Texas Public Information Act. High School Partner(s) is required to make any information created or exchanged with the state pursuant to this MOU, and not otherwise excepted, from disclosure under the Texas Public Information Act, available in a format that is accessible by the public at no additional charge to the state. High School Partner(s) agrees to maintain the confidentiality of information received from the state of Texas during the performance of this MOU, including information which discloses confidential personal information, particularly, but not limited to, Social Security numbers.

MEMORANDUM OF UNDERSTANDING (MOU)

Any change to the terms of this MOU must be presented in written form and agreed upon by both TSTC and the High School Partner(s) at least thirty (30) days before any term or provision may be changed.

COUNTERPARTS

This MOU may be executed in one or more counterparts and may be electronically transmitted. Each counterpart shall be deemed an original and all of which shall constitute one and the same document.

EFFECTIVE DATE AND TERM

The effective date of this MOU is active upon signature of all parties and applies to the **2024-2025 academic year**.

SIGNATURES

The persons signing this MOU represent, each to the other, that they are authorized to sign for and bind their respective institutions.

Texas State Technical College

3801 Campus Dr.
Waco, TX 76705

By:

Beth Wooten
Beth Wooten (Feb 21, 2024 11:53 CST)

Beth Wooten
Provost

Date:

Feb 21, 2024

By:

Kadie R Svrcek
Kadie R Svrcek (Feb 21, 2024 13:16 CST)

Kadie R. Svrcek
Executive Director, Office of Dual Credit

Date:

Feb 21, 2024

High School Partner Waco ISD

2020 N. 42nd St.
Waco, TX 76710

By:

Susan Kincannon
Susan Kincannon (Feb 18, 2024 17:52 CST)

Dr. Susan Kincannon
Superintendent
Waco ISD

Date:

Feb 18, 2024

2024-2025 Dual Credit Pathways & Suggested Crosswalk

Program Options Available	Mode of Delivery & Location Availability	TSTC Dual Credit Pathway	TSTC Credit Hours	Suggested PEIMS Crosswalk (CTE TEKS Titles)	Crosswalk/ Marketing Flyer	Industry Based Certification(s)		
Architectural/Civil Drafting Technology (PBE)								
DC Pathway Certificate I	Online or TSTC Campus	Harlingen Marshall North Texas	DFTG 1309: Basic Computer Aided Drafting	3 CH	Computer Aided Drafting for Architecture	N1300429	Architectural/ Civil Drafting Flyer	N/A
			DFTG 1325: Blueprint Reading & Sketching	3 CH	Architectural Design I	13004600		
			ARCE 1321: Architectural Illustration Prereq: DFTG 1309 Grade of "B" or better	3 CH	Architectural Design II	13004700		
			DFTG 1317: Architectural Drafting Residential Prereq: ARCE 1321 Grade of "B" or better	3 CH	Practicum in Architectural Design	13004800		
Go Back to Home Page								
Architectural Design & Engineering Graphics Technology (PBE)								
DC Pathway Certificate I	Online or TSTC Campus	Harlingen Marshall West Texas	DFTG 1309: Basic Computer Aided Drafting	3 CH	Computer Aided Drafting for Architecture	N1300429	Architectural Design & Engineering Graphics Flyer	N/A
			DFTG 1345: Parametric Modeling and Design	3 CH	Architectural Design I	13004600		
			ARCE 1321: Architectural Illustrations Prereq: DFTG 1309 Grade of "B" or better	3 CH	Architectural Design II	13004700		
			DFTG 1333: Mechanical Drafting Prereq: ARCE 1321 Grade of "B" or better	3 CH	Practicum in Architectural Design	13004800		
Go Back to Home Page								
Aircraft Line Technician								
DC Pathway Certificate I	TSTC Campus	Abilene Harlingen	AERM 1203: Shop Practices	2 CH	Introduction to Aircraft Technology	13039350	Aircraft Line Technician Flyer	N/A
			AERM 1210: Ground Operations	2 CH	Occupational Safety & Environmental Technology I	N1303680		
			AERM 1315: Aviation Science	3 CH	Aircraft Airframe Technology/ Advanced Transportation Systems Lab	13039410		
			AERM 1208: Federal Aviation Regulations	2 CH	Practicum in Transportation Systems	13040455		
			AERM 1205: Weight and Balance	2 CH	Aircraft Powerplant Technology/ Advanced Transportation Systems Lab	13039510		
			AERM 1414: Basic Electricity	4 CH	Practicum in Transportation Systems	13040465		
Go Back to Home Page								
Auto Collision (Repair) Technology (PBE)								
DC Pathway Certificate I	TSTC Campus	Harlingen Waco	ABDR 1215: Vehicle Trim and Hardware	2 CH	Collision Repair	13039800	Auto Collision Technology Flyer	N/A
			ABDR 1371: Basic Paint Techniques, Equipment & Environmental Practices	3 CH	Paint and Refinishing	13039900		
			ABDR 1349: Automotive Plastic and Sheet Molded Compound Repair	3 CH	Collision Repair/ Advanced Transportation Systems Lab	13039810		
	DC Pathway available to be Credentialed at high school facility	ABDR 1203: Vehicle Design & Structural Analysis	2 CH	Paint and Refinishing/ Advanced Transportation Systems Lab	13039910			
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Automotive Technology								
DC Pathway	TSTC Campus	Harlingen Sweetwater Waco	AUMT 1305: Intro to Automotive Technology	3 CH	Small Engine Technology I	13040000	Automotive Technician Flyer	N/A
			AUMT 1307: Automotive Electrical Systems	3 CH	Automotive Technology I: Maintenance and Light Repair	13039600		
			AUMT 1416: Suspension and Steering	4 CH	Energy and Power of Transportation Systems	13039300		
	DC Pathway available to be Credentialed at high school facility	AUMT 1310: Automotive Brake Systems	3 CH	Automotive Technology II: Automotive Service/ Advanced Transportation Systems Lab	13039710			
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2024-2025 Dual Credit Pathways & Suggested Crosswalk

Program Options Available	Mode of Delivery & Location Availability		TSTC Dual Credit Pathway	TSTC Credit Hours	Suggested PEIMS Crosswalk (CTE TEKS Titles)		Crosswalk/ Marketing Flyer	Industry Based Certification(s)
Avionics Technology								
DC Pathway	TSTC Campus	Waco	AVNC 1303: Introduction to Aviation Electronic Systems	3 CH	Aircraft Airframe Technology	13039400	Avionics Technology Flyer	N/A
			CETT 1302: Electricity Principles	3 CH	Aircraft Airframe Technology/ Advanced Transportation Systems Lab	13039410		
			AVNC 1343: Aviation Electrical and Electronic Systems Installation	3 CH	Aircraft Powerplant Technology	13039500		
			AVNC 1353: Operational Testing of Aviation Electronic Systems	3 CH	Aircraft Powerplant Technology/ Advanced Transportation Systems Lab	13039510		
Biomedical Equipment Technology								
DC Pathway	TSTC Campus	Harlingen	BIOM 1101: Biomedical Equipment Technology	1 CH	Biotechnology I	13036400	Biomedical Equipment Technology Flyer	Biotechnician Assistant Credentialing Exam (BACE)
			BIOM 1270: Shop Skills for Biomedical Equipment Technicians	2 CH	Biotechnology II	13036450		Medical Laboratory Assistant
			CETT 1303: DC Circuits	3 CH	Practicum in STEM	13037400		Medical Laboratory Technician
			BIOM 1373: Medical Software Hardware	3 CH	Practicum in STEM/ Extended Practicum in STEM	13037405		
			BIOM 1309: Applied Biomedical Equipment Technology	3 CH	Practicum in STEM/ Extended Practicum in STEM	13037410		
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Building Construction Technology								
DC Pathway Certificate I	TSTC Campus	Harlingen Waco	CNBT 1300: Residential and Light Commercial Blueprint Reading	3 CH	Construction Technology I	13005100	Building Construction Technology Flyer	N/A
			CNBT 1316: Construction Technology I	3 CH	Construction Technology II	13005200		
			CNBT 1313: Concrete I	3 CH	Practicum in Construction Technology	13005250		
			DC Pathway available to be Credentialed at high school facility	CNBT 1450: Construction Technology II	4 CH	Practicum in Construction Technology		
Go Back to Home Page								
Business Management Technology (PBE)								
DC Pathway Certificate I	Online	Harlingen Marshall North Texas Waco West Texas	POFI 1349: Spreadsheets	3 CH	Business Information Management I/ Business Lab	13011410	Business Management Technology Flyer	N/A
			ACNT 1325: Principles of Accounting I	3 CH	Accounting I	13016600		
			ACNT 1329: Payroll & Business Tax Accounting	3 CH	Financial Analysis	13016800		
			ACNT 1311: Intro to Computerized Accounting	3 CH	Accounting II	13016700		
Go Back to Home Page								
Computer Networking and Systems Administration (PBE)								
DC Pathway Certificate I	Online	Ft. Bend Harlingen Marshall North Texas Williamson Co.	ITSC 1325: Personal Computer Hardware	3 CH	Internetworking Technologies I	N1302803	Computer Networking and Systems Administration Flyer	N/A
			ITNW 1308: Implementing & Supporting Client Operating Systems	3 CH	Internetworking Technologies II	N1302804		
			ITNW 1358: Network+	3 CH	Practicum in Information Technology	13028000		
			ITNW 1345: Implementing Network Directory Services	3 CH	Networking/Networking Lab	13027410		
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Computer Programming Technology (PBE)								
			ITSE 1302: Computer Programming	3 CH	Web Communications	3580810		

2024-2025 Dual Credit Pathways & Suggested Crosswalk

Program Options Available	Mode of Delivery & Location Availability		TSTC Dual Credit Pathway	TSTC Credit Hours	Suggested PEIMS Crosswalk (CTE TEKS Titles)		Crosswalk/ Marketing Flyer	Industry Based Certification(s)
DC Pathway Certificate I	Online	Harlingen Marshall North Texas Williamson Co.	ITSE 1311: Beginning Web Programming	3 CH	Web Design	3580820	Computer Programming Technology Flyer	N/A
			ITSE 2309: Database Programming	3 CH	Practicum in Information Technology	13028000		
			ITSE 2302: Intermediate Web Programming Prereq: ITSE 1311 Grade of "B" or better	3 CH	Practicum in Information Technology	13028005		
Go Back to Home Page								
Culinary Arts								
DC Pathway Certificate I	TSTC Campus	Waco Williamson Co.	CHEF 1205: Sanitation and Safety (PS-L1)	2 CH	Culinary Arts	13022600	Culinary Arts Flyer	ServSafe Manager
			IFWA 1205: Food Service Equipment and Planning (PS-L1)	2 CH	Foundations of Restaurant Management	N1302268		
			IFWA 1218: Nutrition for the Food Service Professional (PS-L1)	2 CH	Food Science	13023000		
	DC Pathway available to be Credentialed at high school facility	IFWA 1401: Food Preparation I	4 CH	Practicum in Culinary Arts	13022700			
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Cybersecurity (PBE)								
DC Pathway Certificate I	Online or TSTC Campus	Ft. Bend Harlingen Marshall Williamson Co.	ITSC 1325: Personal Computer Hardware	3 CH	Internetworking Technologies I	N1302803	Cybersecurity Flyer	N/A
			ITNW 1325: Fundamentals to Networking	3 CH	Internetworking Technologies II	N1302804		
			ITNW 1354: Implementing & Supporting Servers	3 CH	Networking Lab	13027410		
	DC Pathway available to be Credentialed at high school facility	ITSY 1374: Secure Linux Administration	3 CH	Cyber Security Capstone	13037200			
Go Back to Home Page								
Diesel Equipment Technology (PBE)								
DC Pathway Certificate I	TSTC Campus	Ft. Bend Marshall North Texas Sweetwater Waco	DEMR 1301: Shop Safety and Procedures	3 CH	Occupational Safety & Environmental Technology I	N1303680	Diesel Equipment Technology Flyer	N/A
			DEMR 1305: Basic Electrical Systems	3 CH	Diesel Equipment Technology I	13040150		
			DEMR 1371: Chassis I	3 CH	Diesel Equipment Technology II	13040160		
	DC Pathway available to be Credentialed at high school facility	DEMR 1329: Preventative Maintenance	3 CH	Diesel Equipment Technology II/Advanced Transportation Systems Laboratory	13040170			
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Digital Media Design (PBE)								
DC Pathway Certificate I	Online	Ft. Bend Williamson Co.	ARTC 1353: Computer Illustration	3 CH	Graphic Design and Illustration I/ Graphic Design and Illustration I Lab	13008810	Digital Media Design Flyer	N/A
			ARTC 1302: Digital Imaging I	3 CH	Digital Art and Animation	3580500		
			ARTC 1313: Digital Publishing I	3 CH	Digital Design and Media Production	3580400		
			ARTC 2305: Digital Imaging II	3 CH	Graphic Design and Illustration II/Graphic Design and Illustration II Lab	13008910		
Go Back to Home Page								
Education and Training (PBE)								
			EDTC 1301: Education Systems	3 CH	Child Development Associate (CDA) Foundations	13024700		
			EDTC 2317: Guiding Student Behavior	3 CH	Human Growth and Development	13014300		

2024-2025 Dual Credit Pathways & Suggested Crosswalk

Program Options Available	Mode of Delivery & Location Availability		TSTC Dual Credit Pathway	TSTC Credit Hours	Suggested PEIMS Crosswalk (CTE TEKS Titles)		Crosswalk/ Marketing Flyer	Industry Based Certification(s)
DC Pathway	Online	Harlingen	EDTC 1341: Instructional Technology and Computer Applications	3 CH	Communication and Technology in Education	N1300510	Education and Training Flyer	Educational Aide I
			EDTC 2311: Instructional Practices and Effective Learning Environments	3 CH	Instructional Practices	13014400		
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Electrical Power and Controls								
DC Pathway	TSTC Campus	Abilene Ft. Bend North Texas Waco	ELPT 1321: Introduction to Electrical Safety & Tools	3 CH	Occupational Safety and Environmental Technology II	N1303680	Electrical Power and Controls Flyer	N/A
			CETT 1303: DC Circuits	3 CH	Manufacturing Engineering Technology I	13032900		
			CETT 1305: AC Circuits	3 CH	Manufacturing Engineering Technology II	13032950		
			ELPT 1341: Motor Controls	3 CH	Practicum in Manufacturing	13033000		
Go Back to Home Page								
Electromechanical Technician								
DC Pathway Certificate I	TSTC Campus	Sweetwater	CETT 1303: DC Circuits	3 CH	Manufacturing Engineering Technology I	13032900	Electromechanical Technician Flyer	N/A
			ELMT 1374: Introduction to Electromechanical Systems	3 CH	Manufacturing Engineering Technology II	13032950		
			CETT 1325: Digital Fundamentals Prereq: CETT 1303	3 CH	Practicum in Manufacturing	13033000		
			CETT 1305: AC Circuits	3 CH	Practicum in Manufacturing	13033005		
Go Back to Home Page								
Engineering Graphics and Design Technology (PBE)								
DC Pathway Certificate I	Online or TSTC Campus	Harlingen Marshall North Texas Williamson Co.	DFTG 1309: Basic Computer Aided Drafting	3 CH	Computer Aided Drafting for Architecture	N1300429	Engineering Graphics and Design Technology Flyer	N/A
			DFTG 1345: Parametric Modeling and Design	3 CH	Architectural Design I	13004600		
			DFTG 1325: Blueprint Reading and Sketching	3 CH	Architectural Design II	13004700		
			DFTG 1333: Mechanical Drafting Prereq: DFTG 1309 Grade of "B" or better	3 CH	Practicum in Architectural Design	13004800		
Go Back to Home Page								
Health Information Technology (PBE)								
DC Pathway Certificate I	Online	Harlingen Marshall North Texas Waco West Texas	HITT 1204: IT for Health Professions Prereq to HITT 1311 Grade of "B" or better	2 CH	Business Information Management I/ Lab	13011410	Health Information Technology Flyer	Certified Medical Administrative Assistant (CMAA) certification
			HITT 1301: Health Data Content and Structure	3 CH	Business Information Management I	13011400		
			HPRS 2302: Medical Terminology for Allied Health	3 CH	Medical Terminology	13020800		
			MDCA 1302: Human Disease/Pathophysiology	3 CH	Pathophysiology	13020800		
			HITT 1253: Legal & Ethical Aspects Health Information	2 CH	Health Informatics	13020960		
			HITT 1311: Health Information Systems	3 CH	Healthcare Information Systems and Management	13020960		
Go Back to Home Page								
HVAC Technology (PBE)								
DC Pathway Certificate I	TSTC Campus	Ft. Bend Harlingen North Texas Waco Williamson Co.	HART 1301: Basic Electricity for HVAC	3 CH	Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology I	13005800	HVAC Technology Flyer	N/A
			HART 1307: Refrigeration Principles	3 CH	Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology II	13005900		

2024-2025 Dual Credit Pathways & Suggested Crosswalk

Program Options Available	Mode of Delivery & Location Availability		TSTC Dual Credit Pathway	TSTC Credit Hours	Suggested PEIMS Crosswalk (CTE TEKS Titles)		Crosswalk/ Marketing Flyer	Industry Based Certification(s)
Certificate I	Williamson Co.		HART 1310: HVAC Shop Practices and Tools	3 CH	Practicum in Construction Technology	13005250		
	DC Pathway available to be Credentialed at high school facility		HART 1345: Gas and Electric Heating Prereq: HART 1301 Grade of "B" or better	3 CH	Practicum in Construction Technology	13005255		
Go Back to Home Page								
Industrial Robotics & Controls Technology								
DC Pathway	TSTC Campus	Ft. Bend Waco	CETT 1303: DC Circuits	3 CH	Manufacturing Engineering Technology I	13032900	Industrial Robotics & Controls Technology Flyer	N/A
			DFTG 1309 (Online): Basic Computer Aided Drafting	3 CH	Engineering Design and Presentation I	13036500		
			RBTC 1343: Robotics Fundamentals Prereq: CETT 1303 Grade of "C" or better	3 CH	Robotics I	13037000		
	DC Pathway available to be Credentialed at high school facility	CETT 1305: AC Circuits Prereq: CETT 1303 Grade of "C" or better	3 CH	Manufacturing Engineering Technology II	13032950			
Go Back to Home Page								
Industrial Systems Technology								
DC Pathway Certificate I	TSTC Campus	Abilene Ft. Bend Marshall North Texas Waco Williamson Co.	INMT 1305: Introduction to Industrial Maintenance	3 CH	Manufacturing Engineering Technology I	13032900	Industrial Systems Technology Flyer	N/A
			INMT 2303: Pumps, Compressors & Mechanical Drives	3 CH	Manufacturing Engineering Technology II	13032950		
			ELPT 1311: Basic Electrical Theory	3 CH	Practicum in Manufacturing	13033000		
	DC Pathway available to be Credentialed at high school facility	ELPT 1341: Motor Controls	3 CH	Practicum in Manufacturing	13033005			
Go Back to Home Page								
Mechatronics Technology								
DC Pathway	TSTC Campus	Harlingen	ELPT 1319: Fundamentals of Electricity	3 CH	Manufacturing Engineering Technology I	13032900	Mechatronics Technology Flyer	N/A
			ELPT 1320: Fundamentals of Electricity II	3 CH	Manufacturing Engineering Technology II	13032950		
			MECH 1371: Industry Digital Devices	3 CH	Practicum in Manufacturing	13033000		
			MECH 1370: Introduction to Mechatronics	3 CH	Practicum in Manufacturing	13033005		
Go Back to Home Page								
Occupational Safety & Environmental Compliance (PBE)								
DC Pathway	TSTC Campus	Abilene Ft. Bend Waco	OSHT 1305: OSHA Regulations - Construction Industry	3 CH	Energy and Natural Resources Technology	13001100	Occupational Safety & Compliance Flyer	N/A
			EPCT 1243: Treatment, Remediation, and Disposal Techniques	2 CH	Energy and Natural Resources Technology/ Energy and Natural Resources Technology Lab	13001110		
			OSHT 2401: OSHA Regulations - General Industry	4 CH	Advanced Energy and Natural Resources	13001200		
			OSHT 1313: Accident Prevention/Investigation	3 CH	Advanced Energy and Natural Resources/ Advanced and Natural Resources Lab	13001210		
Plumbing and Pipefitting Technology								
DC Pathway Certificate I	TSTC Campus	Waco	PFPB 1306: Basic Blueprint Reading for Plumbers	3 CH	Plumbing Technology I	13006000	Plumbing and Pipefitting Technology Flyer	N/A
			PFPB 1323: Plumbing Codes I	3 CH	Plumbing Technology II	13006100		
			PFPB 2308: Piping Standards and Materials	3 CH	Pipefitting Technology I/Lab	N1300427		
			PFPB 2309: Residential Construction Plumbing I	3 CH	Pipefitting Technology II	N1300426		
	DC Pathway available to be Credentialed at high school facility	PFPB 1321: Plumbing Maintenance and Repair	3 CH	Pipefitting Technology II/Lab	N1300428			

2024-2025 Dual Credit Pathways & Suggested Crosswalk

Program Options Available	Mode of Delivery & Location Availability	TSTC Dual Credit Pathway	TSTC Credit Hours	Suggested PEIMS Crosswalk (CTE TEKS Titles)	Crosswalk/ Marketing Flyer	Industry Based Certification(s)		
Go Back to Home Page								
Pre-Allied Health								
DC Pathway	TSTC Campus	Harlingen	HPRS 2302: Medical Terminology for Allied Health	3 CH	Medical Terminology	13020300	Pre Allied Health Flyer	N/A
			BIOL 2301: Anatomy & Physiology I (lecture)	4 CH	Anatomy and Physiology	13020600		
			BIOL 2101: and Anatomy & Physiology I (lab)					
			PSYC 2314: Lifespan Growth & Development	3 CH	Human Growth and Development	13014300		
			BIOL 2302: Anatomy & Physiology II (lecture)	4 CH	Scientific Research and Design	13037200		
			BIOL 2102: and Anatomy & Physiology II (lab)					
Precision Machining Technology								
DC Pathway Certificate I	TSTC Campus	Ft. Bend Harlingen Marshall North Texas Waco Williamson Co.	MCHN 1302: Print Reading for Machining Trades	3 CH	Metal Fabrication and Machining I	13032700	Precision Machining Technology Flyer	N/A
			MCHN 1320: Precision Tools and Measurements	3 CH	Precision Metal Manufacturing I	13032500		
			MCHN 1300: Beginning Machine Shop	3 CH	Metal Fabrication and Machining II	13032800		
			MCHN 1343: Machine Shop Mathematics	3 CH	Precision in Metal Manufacturing II	13032600		
			DC Pathway available to be Credentialed at high school facility	MCHN 2303: Fundamentals of CNC Machining	3 CH	Precision in Metal Manufacturing II		
Go Back to Home Page								
Process Operations								
DC Pathway	Online	Marshall	PTAC 1302: Introduction to Process Technology	3 CH	Introduction to Process Technology	13040502	Process Operations Flyer	N/A
			PTAC 1308: Safety Health and Environment	3 CH	Petrochemical Safety, Health and Environment	13040504		
			PTAC 2314: Principles of Quality	3 CH	Practicum in Energy	N1303910		
			TECM 1303: Technical Calculations	3 CH	Applied Mathematics for Technical Professionals	12701410		
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Structural Welding Technology								
DC Pathway Certificate I	TSTC Campus	All TSTC Campuses	WLDG 1407: Introduction to Welding Using Multiple Processes	4 CH	Welding I	13032300	Structural Welding Technology Flyer	N/A
			WLDG 1313: Intro to Blueprint Reading	3 CH	Welding II/ Lab	13032410		
			WLDG 1428: Intro to Shielded Metal Arc Welding	4 CH	Practicum of Manufacturing Technology	13033000		
			DC Pathway available to be Credentialed at high school facility	TECM 1303 (Online): Technical Calculations	3 CH	Applied Mathematics for Technical Professionals		
Go Back to Home Page								
Web Design and Development (PBE)								
DC Pathway Certificate I	Online	Harlingen North Texas West Texas Williamson Co.	IMED 1371: UI/UX Design	3 CH	Foundations of User Experience	N1302809	Web Design & Development Flyer	N/A
			ITSE 1311: Beginning Web Programming	3 CH	Web Communications	3580810		
			IMED 1316: Web Design I Pre or Co req: ITSE 1311 or IMED 1371	3 CH	Web Design	3580820		
			ITSE 2302: Intermediate Web Programming Prereq: ITSE 1311 Grade of "B" or better	3 CH	Practicum in Information Technology	13028000		
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2024-2025 Dual Credit Pathways & Suggested Crosswalk

Program Options Available	Mode of Delivery & Location Availability		TSTC Dual Credit Pathway	TSTC Credit Hours	Suggested PEIMS Crosswalk (CTE TEKS Titles)		Crosswalk/ Marketing Flyer	Industry Based Certification(s)
Wind Energy Technology								
DC Pathway Certificate I	TSTC Campus	Harlingen Sweetwater	CETT 1303: DC Circuits	3 CH	AC/DC Electronics		Wind Energy Technology Flyer	N/A
			CETT 1305: AC Circuits Prereq: CETT 1303	3 CH	Solid State Electronics	13036900		
			WIND 1300 (Online): Introduction to Wind Energy	3 CH	Energy and Natural Resources Technology	13001100		
			CETT 1325: Digital Fundamentals Prereq: CETT 1303	3 CH	Digital Electronics	13037600		
Go Back to Home Page								

Structural Welding Technology Dual Credit Pathway

Course	Course Name	Credit Hours
WLDG 1407	Introduction to Welding Using Multiple Processes	4
WLDG 1313	Intro to Blueprint Reading	3
WLDG 1428	Intro to Shielded Metal Arc Welding	4
TECM 1303	Technical Calculations	3

Structural Welding Technology Course Information (PEIMS)

COURSE NAME	SERVICE ID	PREREQUISITES	COREQUISITES
WLDG 1407 Intro to Welding Using Multiple Processes/ Welding I	13032300 (2 credit)	None	None
WLDG 1313 Intro to Blueprint Reading/ Welding II	13032410 (3 credit)	Welding I	None
WLDG 1428 Intro to Shielded Metal Arc Welding/ Practicum of Manufacturing Technology	13033000 (2 credits)	None	None
TECM 1303 Technical Calculations/ Applied Mathematics for Technical Professionals	12701410 (1 credits)	None	None