WORKFORCE PROGRAMS ALIGNED WITH INDUSTRY CERTIFICATIONS

ACADEMIC YEAR 2024-2025

HIGH SCHOOL CTE COURSES ▶ **STC WORKFORCE PROGRAMS** ▶ **TEA OR INDUSTRY-BASED CERTIFICATIONS**

SOUTH TEXAS COLLEGE WORKFORCE PROGRAMS
ALIGNED WITH INDUSTRY CERTIFICATIONS

South Texas College Workforce Programs offer Dual Credit students the opportunity to earn industry certifications recognized by the Texas Education Agency (TEA) and/or an industry group. Overall, the college offers Dual Credit students **71** different industry certifications through workforce programs.

On the following pages are tables that include a breakdown of each program by course, industry certification and cost, and a summary table of South Texas College Workforce Programs that align with industry certifications and are offered to Dual Credit students.

SOUTH TEXAS COLLEGE WORKFORCE PROGRAMS ALIGNED WITH INDUSTRY CERTIFICATIONS

STC Meta-Major / Program	Type of Degree	Number of Industry Certifications
ARCHITECTURE & CONSTRUCTION		**10**
Architectural and Engineering Design Technology	Certificates (18 or 26 credits) Associate (60 credits)	1 Certification
Construction Supervision	Certificate (28 credits) Associate (60 credits)	3 Certifications
Electrician Technology	Certificate (30 credits) Associate (60 credits)	4 Certifications
Heating, Ventilation, A/C and Refrigeration	Certificate (28 credits) Associate (60 credits)	5 Certifications
BUSINESS & PROFESSIONAL SERVICES		**2**
Culinary Arts	Certificates (23 credits) Associate Degrees (60 credits)	2 Certifications
COMPUTER & INFORMATION TECHNOLOGY		**31**
Computer and Internet Specialist	Certificate (16 credits)	1 Certification
Computer Applications Specialist	Certificate (16 credits)	8 Certifications
Cybersecurity Specialist	Certificate (32 credits)	11 Certifications
Multimedia Specialist	Certificate (16 credits)	12 Certifications
HEALTH SCIENCES		**9**
Emergency Medical Technician Basic	Certificate (16 credits)	1 Certification
Medical Office Specialist	Certificate (16 credits)	1 Certification
Patient Care Technician	Certificate (17 credits)	7 Certifications
INDUSTRIAL TECHNOLOGY		**17**
Advanced Manufacturing Technology • Robotics and Mechatronics Technology • Precision Manufacturing Technology • Precision Manufacturing Technology	Certificate (16 credits) Certificate (24 credits) Associate (60-61 credits)	2 Certifications 5 Certifications 2 Certifications
Welding • Combination Welding • Structural Welding • Welding	Certificate (41 credits) Certificate (29 credits) Associate (60 credits)	7 Certifications 5 Certifications 7 Certifications
TRANSPORTATION		**2**
Automotive Technology	Certificate (38 credits) Associate (60 credits)	1 Certification
Diesel Technology	Certificate (42 credits) Associate (60 credits)	2 Certifications
TOTAL NUMBER OF INDUSTRY CERTIFICATIONS (UNDUPLICATED)		**71**

*Certification totals are duplicated within meta-majors
due to alignment of certifications in more than one program.*

ARCHITECTURE & CONSTRUCTION

South Texas College offers the following Architecture and Construction programs that provide the opportunity for Dual Credit students to earn industry certifications recognized by TEA and/or the related industry group.

Architectural and Engineering Design Technology
- o Architectural and Engineering Design Technology Certificate
- o Architectural and Visual Technology Certificate
- o Civil Engineering Technology Certificate
- o Architectural and Visual Technology Associate of Applied Science

Construction Supervision
- o Construction Supervision Assistant Certificate
- o Construction Supervision Associate of Applied Science

Electrician Technology
- o Electrician Assistant Certificate
- o Electrician Technology Associate of Applied Science

Heating, Ventilation, A/C and Refrigeration Technology
- o Heating, Ventilation, A/C and Refrigeration Technology Certificate
- o Heating, Ventilation, A/C and Refrigeration Technology Associate of Applied Science

ARCHITECTURAL AND ENGINEERING DESIGN TECHNOLOGY

Dual Credit students in the following South Texas College Architectural and Engineering Design Technology programs can earn industry certifications recognized by TEA and/or the industry group. The tables below list specific courses, within the degree plans, that are aligned with industry certifications.

South Texas College Programs:
- Architectural and Engineering Design Technology Certificate (18 Credit Hours)
- Architectural and Visual Technology Certificate (26 Credit Hours)
- Civil Engineering Technology Certificate (26 Credit Hours)
- Architectural and Visual Technology Associate of Applied Science (60 Credit Hours)

High School Endorsement: Business and Industry
The Business and Industry high school endorsement is aligned with the South Texas College Architectural and Engineering Design Technology program.

Architectural and Engineering Design Technology (Certificates & Associate Degree)						
South Texas College Course Number and Title			Industry-Based Certification TEA A-F Accountability System			
Course Number	STC Course Title		Certification Title	Recognized by TEA	Cost by ISD	Testing Site
DFTG 1409	Basic Computer-Aided Drafting		Autodesk AutoCAD Certified User	Yes	Purchase Vouchers through CertiPort	ISD

CONSTRUCTION SUPERVISION

Dual Credit students in the following South Texas College Construction Supervision programs can earn industry certifications recognized by TEA and/or the industry group. The tables below list specific courses, within the degree plans, that are aligned with industry certifications.

South Texas College Programs:
- Construction Supervision Assistant Certificate (28 Credit Hours)
- Construction Supervision Associate of Applied Science (60-61 Credit Hours)

High School Endorsement: Business and Industry
The Business and Industry high school endorsement is aligned with the South Texas College Construction Supervision program.

Per participant; 11 participants needed to open class

Construction Supervision (Certificate & Associate Degree)						
South Texas College Course Number and Title			Industry-Based Certification TEA A-F Accountability System			
Course Number	STC Course Title		Certification Title	Recognized by TEA	Cost by ISD	Testing Site
CNBT 1210	Basic Construction Safety		NCCER Project Management OSHA 30	No No	$22.50 $156.40*	STC Technology Campus
CNBT 2442	Construction Management I		NCCER Core	Yes	$24.75	STC Technology Campus

ELECTRICIAN TECHNOLOGY

Dual Credit students in the following South Texas College Electrician Technology programs can earn industry certifications recognized by TEA and/or the industry group. The tables below list specific courses, within the degree plans, that are aligned with industry certifications.

South Texas College Programs:
- Electrician Assistant Certificate (30 Credit Hours)
- Electrician Technology Associate of Applied Science (60 Credit Hours)

High School Endorsement: Business and Industry
The Business and Industry high school endorsement is aligned with the South Texas College Electrician Technology program.

Electrician Technology (Certificate & Associate Degree)						
South Texas College Course Number and Title			**Industry-Based Certification TEA A-F Accountability System**			
Course Number	STC Course Title		Certification Title	Recognized by TEA	Cost by ISD	Testing Site
ELPT 1419	Fundamentals of Electricity I		NCCER Electrical Level 1	Yes	$0	STC Technology Campus
ELPT 2437	Electrical Planning and Estimating		OSHA 10	No	$156.40 p/participant*	STC Technology Campus
• ELPT 2437 • ELPT 1429 • ELPT 1445	• Electrical Planning and Estimating • Residential Wiring • Commercial Wiring		NCCER Core	Yes	NCCER Electrical Level 1 Core + Electrical Level 1 (Bundle) $183.98	STC Technology Campus
ELPT 1411	Solar Fundamentals		Solar Photovoltaics Systems Installer (Prerequisite: Core)	No	Solar Photovoltaics Systems Installer	STC Technology Campus

11 participants needed to open class

HEATING, VENTILATION, A/C AND REFRIGERATION TECHNOLOGY

Dual Credit students in the following South Texas College Heating, Ventilation, A/C and Refrigeration program can earn industry certifications recognized by TEA and/or the industry group. The tables below list specific courses, within the degree plans, that are aligned with industry certifications.

South Texas College Programs:
- Heating, Ventilation, A/C and Refrigeration Technology Certificate (28 Credit Hours)
- Heating, Ventilation, A/C and Refrigeration Technology Associate of Applied Science (60-61 Credit Hours)

High School Endorsement: Business and Industry
The Business and Industry high school endorsement is aligned with the South Texas College Heating, Ventilation, A/C and Refrigeration Technology program.

Heating, Ventilation, A/C and Refrigeration Technology (Certificate & Associate Degree)					
South Texas College Course Number and Title			Industry-Based Certification TEA A-F Accountability System		
Course Number	STC Course Title		Certification Title	Recognized by TEA	Cost by ISD	Testing Site
HART 1407	Refrigeration Principles		EPA 608	Yes	Vendor Options • Johnstone $131.33 • Esco $48.50 • Insco $136.48 • Mainstream Engineering $ 27.00	• Johnstone Supply (McAllen Location) • STC • Insco (McAllen Location) • STC Instructors proctor onsite
HART 1410	HVAC Shop Practices and Tools		OSHA 10 NCCER Core	No Yes	• $59 • Core + HVACR Level 1 – NCCER Connect (Bundle) $183.99	• Online • STC
HART 2438	Capstone: Air Conditioning Installation and Startup		NCCER HVAC Level I	Yes	One-time payment in HART1410	STC
HART 2445	Residential Air Conditioning Systems Design		NATE Ready to Work	No	$55	Online

BUSINESS & PROFESSIONAL SERVICES

South Texas College offers the following Culinary Arts programs that provide the opportunity for Dual Credit students to earn industry certifications recognized by TEA and/or the related industry group.

Culinary Arts
- o Commercial Baking Certificate
- o Commercial Cooking Certificate
- o Culinary Arts Associate of Applied Science
    - Specialization: Baking and Pastry Arts
    - Specialization: Restaurant Management

CULINARY ARTS

Dual Credit students in the following South Texas College Culinary Arts programs can earn industry certifications recognized by TEA and/or the industry group. The tables below list specific courses, within the degree plans, that are aligned with industry certifications.

South Texas College Programs:
- Commercial Baking Certificate (23 Credit Hours)
- Commercial Cooking Certificate (23 Credit Hours)
- Culinary Arts Associate of Applied Science (60 Credit Hours)

High School Endorsement: Business and Industry
The Business and Industry high school endorsement is aligned with the South Texas College Culinary Arts programs.

Culinary Arts (Certificates & Associate Degree)						
South Texas College Course Number and Title			Industry-Based Certification TEA A-F Accountability System			
Course Number	STC Course Title		Certification Title	Recognized by TEA	Cost by ISD	Testing Site
CHEF 1305	Sanitation and Safety		Food Handlers License ServSafe Food Manager	No Yes	$10 $38	Online Online with proctor

COMPUTER & INFORMATION TECHNOLOGY

South Texas College offers the following Computer and Information Technology programs that provide the opportunity for Dual Credit students to earn industry certifications recognized by TEA and/or the related industry group.

Information Technology
- o Computer and Internet Specialist Certificate
- o Computer Applications Specialist Certificate
- o Cybersecurity Specialist Certificate
- o Multimedia Specialist Certificate

COMPUTER & INFORMATION TECHNOLOGY

Dual Credit students in the following South Texas College Computer and Information Technology programs can earn industry certifications recognized by TEA and/or the industry group. The tables below list specific courses, within the degree plans, that are aligned with industry certifications.

South Texas College Programs:
- Computer and Internet Specialist Certificate (16 Credit Hours)
- Computer Applications Specialist Certificate (16 Credit Hours)
- Cybersecurity Specialist Certificate (32 Credit Hours)
- Multimedia Specialist Certificate (16 Credit Hours)

High School Endorsement: Business and Industry
The Business and Industry high school endorsement is aligned with the South Texas College Computer and Information Technology programs.

Computer and Internet Specialist (Certificate)						
South Texas College Course Number and Title			Industry-Based Certification TEA A-F Accountability System			
Course Number	STC Course Title		Certification Title	Recognized by TEA	Cost by ISD	Testing Site
CPMT 1403	Introduction to Computer Technology		Comp TIA IT Fundamentals+	Yes	$82	STC/Comp TIA Testing Sites
CPMT 1404	Microcomputer System Software					
CPMT 1443	Microcomputer Architecture					
ITSC 1425	Personal Computer Hardware					

Computer Applications Specialist (Certificate)						
South Texas College Course Number and Title			Industry-Based Certification TEA A-F Accountability System			
Course Number	STC Course Title		Certification Title	Recognized by TEA	Cost by ISD	Testing Site
ITSC 1409	Integrated Software Applications I		Microsoft Office Specialist: Excel Microsoft Office Specialist: PPT Microsoft Office Specialist: Word Microsoft Office Specialist: Access Microsoft Office Specialist: Microsoft Word Expert	Not by TEA, recognized by Industry Yes	$100 each	STC/ISD
ITSW 2434	Advanced Spreadsheets		Microsoft Office Specialist: Microsoft Excel Expert	Yes	$100	STC/ISD
ITSE 2409	Database Programming		Microsoft Office Specialist: Microsoft Access Expert	Yes	$100	STC/ISD
ARTC 1413	Digital Publishing I		Adobe Certified Professional in Print and Digital Media Publication Using Adobe InDesign	Yes	$150	STC/ISD

Cybersecurity Specialist (Certificate)

South Texas College Course Number and Title			Industry-Based Certification TEA A-F Accountability System			
Course Number	STC Course Title		Certification Title	Recognized by TEA	Cost by ISD	Testing Site
ITSY 2400	Operating System Security		Pearson: Device Configuration Management	No	$45	STC/ISD
ITSE 2421	Object-Oriented Programming		Pearson: Python	No	$45	STC/ISD
ITSY 1400	Fundamentals of Information Security		CompTIA Security+ Pearson: Network Security Pearson: Cybersecurity	Yes No No	$330 $45 $45	STC/ISD
ITNW 1416	Network Administration		Pearson: Networking	No	$45	STC/ISD
ITSC 1416	Linux Installation and Configuration		CompTIA Linux+	Yes	$206	STC/ISD
ITSY 2445	Network Defense and Countermeasures		CompTIA PenTest+ Cisco Certified Support Technician IT Support Cisco Certified Support Technician Networking Cisco Certified Support Technician Cybersecurity	Not by TEA, recognized by Industry	$392 $45 $45 $45	STC

Multimedia Specialist (Certificate)

South Texas College Course Number and Title			Industry-Based Certification TEA A-F Accountability System			
Course Number	STC Course Title		Certification Title	Recognized by TEA	Cost by ISD	Testing Site
ITSC 1409	Integrated Software Applications I		Microsoft Office Specialist - Excel Microsoft Office Specialist - PPT Microsoft Office Specialist - Word Microsoft Office Specialist - Access	Not by TEA, recognized by Industry	$100 each	STC/ISD
ITSE 1411	Beginning Web Page Programming		Information Technology Specialist: HTML and CSS	Yes	$150	STC/ISD
			CodeHS Web Design Level 1 Certification	Yes	$60	ISD
			Information Technology Specialist: HTML5 Application Development	Yes	$127	STC/ISD
			Web Design - Job Ready	Yes	$34	STC/ISD
ARTC 1413	Digital Publishing I		Adobe Certified Professional in Print and Digital Media Publication Using Adobe InDesign	Yes	$150	STC/ISD
IMED 1445	Interactive Digital Media I		Adobe Certified Professional in Graphic Design and Illustration Using Adobe Illustrator	Yes	$125	STC/ISD
			Adobe Certified Professional in Visual Design Using Adobe Photoshop	Yes	$150	STC/ISD
			Adobe Certified Professional in Visual Design (Requires Adobe Certified in Visual Design in Photoshop and either InDesign or Illustrator)	Yes	$275-300	STC/ISD

HEALTH SCIENCES

South Texas College offers the following Health Sciences programs that provide the opportunity for Dual Credit students to earn industry certifications recognized by TEA and/or the related industry group.

Emergency Medical Services
- o Emergency Medical Technician Basic Certificate

Medical Assistant Technology
- o Medical Office Specialist Certificate

Patient Care Technician
- o Patient Care Technician Certificate

EMERGENCY MEDICAL SERVICES

Dual Credit students in the following South Texas College Emergency Medical Services program can earn industry certifications recognized by TEA and/or the industry group. The table below list specific courses, within the degree plans, that are aligned with industry certifications.

South Texas College Program:
- Emergency Medical Technician Basic Certificate (16 Credit Hours)

High School Endorsement: Health Science
The Health Science high school endorsement is aligned with the South Texas College Emergency Medical Services program.

Emergency Medical Technician Basic (Certificate)							
South Texas College Course Number and Title			Industry-Based Certification TEA A-F Accountability System				
Course Number	STC Course Title		Certification Title	Recognized by TEA	Cost by ISD	Testing Site
EMSP 1501	Emergency Medical Technician		Emergency Medical Technician through the National Registry of Emergency Medical Technicians	Yes	$104	UTRGV
EMSP 1160	EMT - Basic Clinical					
EMSP 1166	EMT - Basic Practicum					
EMSP 1208	Emergency Vehicle Operations					
EMSP 1371	EMS Documentation					
EMSP 1472	Emergent Issues in EMT					

MEDICAL ASSISTANT TECHNOLOGY

Dual Credit students in the following South Texas College Medical Assistant Technology program can earn industry certifications recognized by TEA and/or the industry group. The table below list specific courses, within the degree plans, that are aligned with industry certifications.

South Texas College Program:
- Medical Office Specialist Certificate (16 Credit Hours)

High School Endorsement: Health Science
The Health Science high school endorsement is aligned with the South Texas College Medical Assistant Technology program.

Medical Office Specialist (Certificate)						
South Texas College Course Number and Title			Industry-Based Certification TEA A-F Accountability System			
Course Number	STC Course Title		Certification Title	Recognized by TEA	Cost by ISD	Testing Site
HITT 1305	Medical Terminology I					
MDCA 1321	Administrative Procedures					
MDCA 1343	Medical Insurance		Medical Office Assistant by National Center for Competency Testing	No	$119	STC-NAH
MDCA 1205	Medical Law and Ethics					
POFM 1400	Basic Medical Coding					
MDCA 1166	Practicum I					

PATIENT CARE TECHNICIAN

Dual Credit students in the following South Texas College Patient Care Technician program can earn industry certifications recognized by TEA and/or the industry group. The table below list specific courses, within the degree plans, that are aligned with industry certifications.

South Texas College Program:
- Patient Care Technician Certificate (16 Credit Hours)

High School Endorsement: Health Science
The Health Science high school endorsement is aligned with the South Texas College Patient Care Technician program.

Patient Care Technician (Certificate)						
South Texas College Course Number and Title			**Industry-Based Certification TEA A-F Accountability System**			
Course Number	**STC Course Title**		**Certification Title**	**Recognized by TEA**	**Cost by ISD**	**Testing Site**
NURA 1401	Nurse Aide for Health Care		Certified Nurse Aide	Yes	$125	STC/site of their choosing
			Essentials of Care by Alzheimer's Association	No	$0	STC-NAH
NURA 1160	Clinical I		Activities of Daily Living by Alzheimer's Association	No	$0	STC-NAH
			Advanced Dementia Care by Alzheimer's Association	No	$0	STC-NAH
NUPC 1320	Patient Care Technician/Assistant		Patient Care Technician (CPCT)	Yes	$100*	STC/ISD
NUPC 1260	CAPSTONE: Clinical I					
NUPC 1261	CAPSTONE: Clinical II					
PLAB 1323	Phlebotomy		Phlebotomy Technician (CPT)	Yes	$95*	STC/ISD
ECRD 1211	Electrocardiography		Certified EKG Technician (CET)	Yes	$95*	STC/ISD

National exams are only offered one time at the end of the Senior Semester at this discounted rate. Cost of the State and National exams increase without notice. Cost for re-tests or late testing will be full price and varies. NHA study guides are $50.00-$75.00 per certificate.

INDUSTRIAL TECHNOLOGY

South Texas College offers the following Industrial Technology programs that provide the opportunity for Dual Credit students to earn industry certifications recognized by TEA and/or the related industry group.

Advanced Manufacturing Technology
- o Robotics and Mechatronics Technology Certificate
- o Precision Manufacturing Technology Certificate
- o Precision Manufacturing Technology Associate of Applied Science

Welding
- o Combination Welding Certificate
- o Structural Welding Certificate
- o Welding Associate of Applied Science

ADVANCED MANUFACTURING TECHNOLOGY

Dual Credit students in the following South Texas College Advanced Manufacturing Technology programs can earn industry certifications recognized by TEA and/or the industry group. The tables below list specific courses, within the degree plans, that are aligned with industry certifications.

South Texas College Programs:
- Robotics and Mechatronics Technology Certificate (28 Credit Hours)
- Precision Manufacturing Technology Certificate (24 Credit Hours)
- Precision Manufacturing Technology Associate of Applied Science (60-61 Credit Hours)

High School Endorsement: Business and Industry
The Business and Industry high school endorsement is aligned with the South Texas College Advanced Manufacturing Technology programs.

Robotics and Mechatronics Technology Specialist (Certificate)						
South Texas College Course Number and Title			Industry-Based Certification TEA A-F Accountability System			
Course Number	STC Course Title		Certification Title	Recognized by TEA	Cost by ISD	Testing Site
RBTC 1405	Robotic Fundamentals		FANUC Robot Operator 1	Yes	$0	STC/ISD (proctored)
ELMT 1405	Basic Fluid Power		NIMS - Industrial Technology Maintenance (ITM) - Basic Pneumatic Systems	Yes	$0	STC/ISD (proctored)

Precision Manufacturing Technology (Certificate & Associate Degree)

South Texas College Course Number and Title			Industry-Based Certification TEA A-F Accountability System			
Course Number	STC Course Title		Certification Title	Recognized by TEA	Cost by ISD	Testing Site
MCHN 1338	Basic Machine Shop I		NIMS - Machining Drill Press Level I	Yes	$0	STC/ISD (proctored)
MCHN 1320	Precision Tools and Measurement		NIMS - Machining Measurement, Material, and Safety Level I	Yes	$0	STC/ISD (proctored)
MCHN 2303	Fundamentals of CNC Machine Controls		NIMS - Machining CNC Mill Programming Setup and Operations Level I	Yes	$0	STC/ISD (proctored)
MCHN 1326	Introduction to Computer-Aided Manufacturing (CAM)		NIMS - Machining CNC Mill Operations Level I	Yes	$0	STC/ISD (proctored)
MCHN 1352	Intermediate Machining I		NIMS - Machining Milling Level I	Yes	$0	STC/ISD (proctored)

Precision Manufacturing Technology (Associate Degree)

South Texas College Course Number and Title			Industry-Based Certification TEA A-F Accountability System			
Course Number	STC Course Title		Certification Title	Recognized by TEA	Cost by ISD	Testing Site
MCHN 2341	Advanced Machining I		NIMS - Machining Grinding Level I NIMS - Turning I (Between Centers)	Yes No	$0	STC/ISD (proctored)

WELDING

Dual Credit students in the following South Texas College Welding programs can earn industry certifications recognized by TEA and/or the industry group. The tables below list specific courses, within the degree plans, that are aligned with industry certifications.

South Texas College Programs:
- Combination Welding Certificate (41 Credit Hours)
- Structural Welding Certificate (29 Credit Hours)
- Welding Associate of Applied Science (60 Credit Hours)

High School Endorsement: Business and Industry
The Business and Industry high school endorsement is aligned with the South Texas College Welding programs.

Combination Welding (Certificate)					
South Texas College Course Number and Title		Industry-Based Certification TEA A-F Accountability System			
Course Number	STC Course Title	Certification Title	Recognized by TEA	Cost by ISD*	Testing Site
WLDG 1428	Introduction to Shielded Metal Arc Welding	AWS SMAW 1G	Yes	$281.40 for test + $50 registration per successful student	STC Technology Campus
WLDG 1457	Intermediate Shielded Metal Arc Welding	AWS SMAW 3G AWS SMAW 4G	Yes Yes	$281.40 for test + $50 registration per successful student	STC Technology Campus
WLDG 1312	Introduction to Flux Cored Arc Welding	AWS FCAW 3G AWS FCAW 4G	Yes Yes	$281.40 for test + $50 registration per successful student	STC Technology Campus
WLDG 2406	Intermediate Pipe Welding	AWS SMAW 6G	Yes	$281.40 for test + $50 registration per successful student	STC Technology Campus
WLDG 2451	Advanced Gas Tungsten Arc Welding	GTAW 6G	Yes	$281.40 for test + $50 registration per successful student	STC Technology Campus

Structural Welding (Certificate)

South Texas College Course Number and Title			Industry-Based Certification TEA A-F Accountability System			
Course Number	STC Course Title		Certification Title	Recognized by TEA	Cost by ISD*	Testing Site
WLDG 1428	Introduction to Shielded Metal Arc Welding		AWS SMAW 1G	Yes	$281.40 for test + $50 registration per successful student	STC Technology Campus
WLDG 1457	Intermediate Shielded Metal Arc Welding		AWS SMAW 3G AWS SMAW 4G	Yes Yes	$281.40 for test + $50 registration per successful student	STC Technology Campus
WLDG 1312	Introduction to Flux Cored Arc Welding		AWS FCAW 3G AWS FCAW 6G	Yes Yes	$281.40 for test + $50 registration per successful student	STC Technology Campus

Welding (Associate Degree)

South Texas College Course Number and Title			Industry-Based Certification TEA A-F Accountability System			
Course Number	STC Course Title		Certification Title	Recognized by TEA	Cost by ISD*	Testing Site
WLDG 1428	Introduction to Shielded Metal Arc Welding		AWS SMAW 1G	Yes	$281.40 for test + $50 registration per successful student	STC Technology Campus
WLDG 1457	Intermediate Shielded Metal Arc Welding		AWS SMAW 3G AWS SMAW 4G	Yes Yes	$281.40 for test + $50 registration per successful student	STC Technology Campus
WLDG 1312	Introduction to Flux Cored Arc Welding		AWS FCAW 3G AWS FCAW 6G	Yes Yes	$281.40 for test + $50 registration per successful student	STC Technology Campus
WLDG 2406	Intermediate Pipe Welding		AWS SMAW 6G	Yes	$281.40 for test + $50 registration per successful student	STC Technology Campus
WLDG 2451	Advanced Gas Tungsten Arc Welding		GTAW 6G	Yes	$281.40 for test + $50 registration per successful student	STC Technology Campus

*All welding industry credentials listed meet the AWS D1.1 standard.

TRANSPORTATION

South Texas College offers the following Transportation programs that provide the opportunity for Dual Credit students to earn industry certifications recognized by TEA and/or the related industry group.

Automotive Technology
- o Automotive Technology Certificate
- o Automotive Technology Associate of Applied Science

Diesel Technology
- o Diesel Technology Certificate
- o Diesel Technology Associate of Applied Science

AUTOMOTIVE TECHNOLOGY

Dual Credit students in the following South Texas College Automotive Technology program can earn industry certifications recognized by TEA and/or the industry group. The table below lists specific courses, within the degree plan, that are aligned with industry certifications.

South Texas College Program:
- Automotive Technology Certificate (38 Credit Hours)
- Automotive Technology Associate of Applied Science (60 Credit Hours)

High School Endorsement: Business and Industry
The Business and Industry high school endorsement is aligned with the South Texas College Automotive Technology program.

Automotive Technology (Certificate & Associate Degree)					
South Texas College Course Number and Title			Industry-Based Certification TEA A-F Accountability System		
Course Number	STC Course Title		Certification Title	Recognized by TEA	Cost by ISD*	Testing Site
AUMT 1201	Introduction and Theory of Automotive Technology		S/P2 Safety Training	No	$1,290	External/Proctored at Prometric Satellite Center
AUMT 1419	Automotive Engine Repair					

*The National Institute for Automotive Service Excellence offers a student version certification for High schools which is not equivalent to the Professional Technician version. Automotive technicians must have two years of on-the-job training or one year of on-the-job training and a two-year degree in automotive repair to qualify for certification. *Total cost for 50 students*

DIESEL TECHNOLOGY

Dual Credit students in the following South Texas College Diesel Technology program can earn industry certifications recognized by TEA and/or the industry group. The table below lists specific courses, within the degree plan, that are aligned with industry certifications.

South Texas College Program:
- Diesel Technology Certificate (42 Credit Hours)
- Diesel Technology Associate of Applied Science (60 Credit Hours)

High School Endorsement: Business and Industry
The Business and Industry high school endorsement is aligned with the South Texas College Automotive Technology program.

Diesel Technology (Certificate & Associate Degree)					
South Texas College Course Number and Title		Industry-Based Certification TEA A-F Accountability System			
Course Number	STC Course Title	Certification Title	Recognized by TEA	Cost by ISD*	Testing Site
DEMR 1323	Heating, Ventilation, and Air Conditioning Troubleshooting and Repair	EPA 609	No	$1,290	External/Proctored at Prometric Satellite Center
DEMR 1401	Diesel Shop Safety and Procedures	S/P2 Safety Training	No	$1,290	External/Proctored at Prometric Satellite Center

South Texas College Accreditation

South Texas College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award the Baccalaureate and Associate Degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of South Texas College.

Dual Credit Programs NACEP Accreditation Statement

South Texas College Dual Credit Programs is accredited by the National Alliance of Concurrent Enrollment Partnerships in meeting the highest standards in concurrent enrollment, Dual Credit initiatives, and displaying greater accountability through program evaluation. Contact the National Alliance of Concurrent Enrollment Partnerships at P.O. Box 578 Chapel Hill, NC 27514 or call 919-593-5205 for questions about accreditation of South Texas College Dual Credit Programs.

Notice of Non-Discrimination

South Texas College is an equal education and equal employment opportunity/affirmative action employer. As an equal education institution and equal opportunity employer, the College does not discriminate on the basis of race, color, national origin, religion, age, sex, sexual orientation, gender, gender identity, disability, genetic information, or veteran status. Discrimination is prohibited and the College will comply with all applicable College policies, and state and federal legislation. This statement extends to individuals seeking employment with and admission to the College.

NUMBER OF WORKFORCE CERTIFICATES & DEGREES

5 Baccalaureate Degrees

41 Associate of Applied Science Degrees

50 Certificates

21 Occupational Skills Awards

ASSOCIATE OF APPLIED SCIENCE DEGREES

Business, Public Safety & Technology (23)

- Administrative Office Assistant
- Architectural & Engineering Design Technology: Specialization - Architectural and Visual Technology
- Architectural & Engineering Design Technology: Specialization - Civil Engineering Technology
- Automotive Technology
- Automotive Technology: Specialization GM-ASEP
- Business Administration: Specialization - Accounting
- Business Administration: Specialization - Management
- Business Administration: Specialization - Marketing
- Construction Supervision
- Culinary Arts
- Culinary Arts: Specialization - Baking & Pastry Arts
- Culinary Arts: Restaurant Management
- Diesel Technology
- Electrician Technology
- Fire Science Technology
- Heating, Ventilation, Air Conditioning & Refrigeration Technology
- Human Resources Specialist
- Law Enforcement
- Paralegal
- Precision Manufacturing Technology
- Public Administration
- Surveying and Geospatial Technology
- Welding

Liberal Arts (1)

- American Sign Language & Interpreting Studies: Specialization - Sign Language Interpreter

Math, Science & Information Technology (4)

- Computer & Advanced Technologies: Specialization - Computer Support Specialist
- Cybersecurity Specialist
- Information Technology: Specialization - Information Systems
- Information Technology: Network Systems

Nursing & Allied Health (12)

- Associate Degree Nursing
- Associate Degree Nursing: Specialization - EMT Paramedic to RN Track
- Associate Degree Nursing: Specialization - LVN/RN Transition
- Diagnostic Medical Sonography
- Emergency Medical Services - Paramedic
- Health Information Technology
- Medical Assistant Technology
- Occupational Therapy Assistant
- Pharmacy Technology
- Physical Therapist Assistant
- Radiologic Technology
- Respiratory Therapy

Social & Behavioral Sciences (1)

- Child Development/Early Childhood

CERTIFICATES

Business, Public Safety & Technology (27)

- Accounting Clerk
- Architectural & Engineering Design Technology
- Architectural & Visual Technology
- Automotive Maintenance & Light Repair
- Automotive Technology
- Basic Firefighter
- Basic Peace Officer
- Civil Engineering Technology
- Commercial Baking
- Commercial Cooking
- Combination Welding
- Construction Supervision Assistant
- Cosmetology Operator
- Diesel Technology
- Electrician Assistant
- Heating, Ventilation, Air Conditioning & Refrigeration Technology
- Human Resources Assistant
- Legal Office Specialist
- Management
- Marketing
- Mechatronics Technology Specialist
- Office Specialist
- Payroll Assistant
- Precision Manufacturing Technology
- Recruiter Assistant
- Structural Welding
- Surveying & Geospatial Technology

Liberal Arts (2)

- Deaf Support Specialist
- Trilingual Interpreter

Nursing & Allied Health (10)

- Diagnostic Medical Sonography
- Electronic Health Records Specialist
- Emergency Medical Technician: Basic
- Emergency Medical Technician: Advanced
- Emergency Medical Technician: Paramedic
- Medical Assistant Technology
- Medical Coding Specialist
- Medical Office Specialist
- Patient Care Technician
- Vocational Nursing

Math, Science & Information Technology (8)

- Computer Applications Specialist
- Computer & Information Technologies Specialist
- Computer & Internet Specialist
- Computer Maintenance Specialist
- Cybersecurity Specialist
- Information & Network Systems
- Multimedia Specialist
- Public Services Assistant

Social & Behavioral Sciences (3)

- Child Development/Early Childhood: Specialization - Infant and Toddler
- Child Development/Early Childhood: Specialization - Pre-School
- Personal Trainer

APPRENTICESHIPS

- Nursing Program
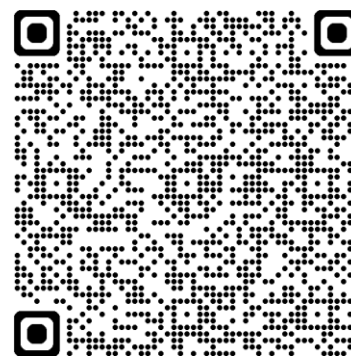- Surveying and Geospatial Technology
- Teacher Assistant

OCCUPATIONAL SKILLS AWARDS

- Automotive Brake Systems
- Computer Technology
- County Corrections Specialist
- Cybersecurity Technician
- Electrician's Helper
- Emergency Management Specialist
- Facility Maintenance
- Family LaHealth Information Management Clerk*
- Human Resource Clerk
- Immigration Law
- Information Processing Specialist
- Legal Office Specialist
- Medical Receptionist*
- Office Clerk
- Patient Care Assistant
- Pipe Welding*
- Police Leadership
- Security & Loss Prevention Specialist
- Suspension & Steering
- Welding

*Non-credit Occupational Skills Awards

Interested in submitting a JET Grant Application in 2025? South Texas College is here to help! **Scan this QR Code to submit a Jet Inquiry Form on behalf of your organization today** and we will begin meeting with you to plan next steps.

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