South Texas ISD 2025-2026







Career & Technical Education

Programs of Study






Find your future career.
A. Arellano
HEALTH PROFESSIONS
Medical Professions
Emily







CTE at STISD

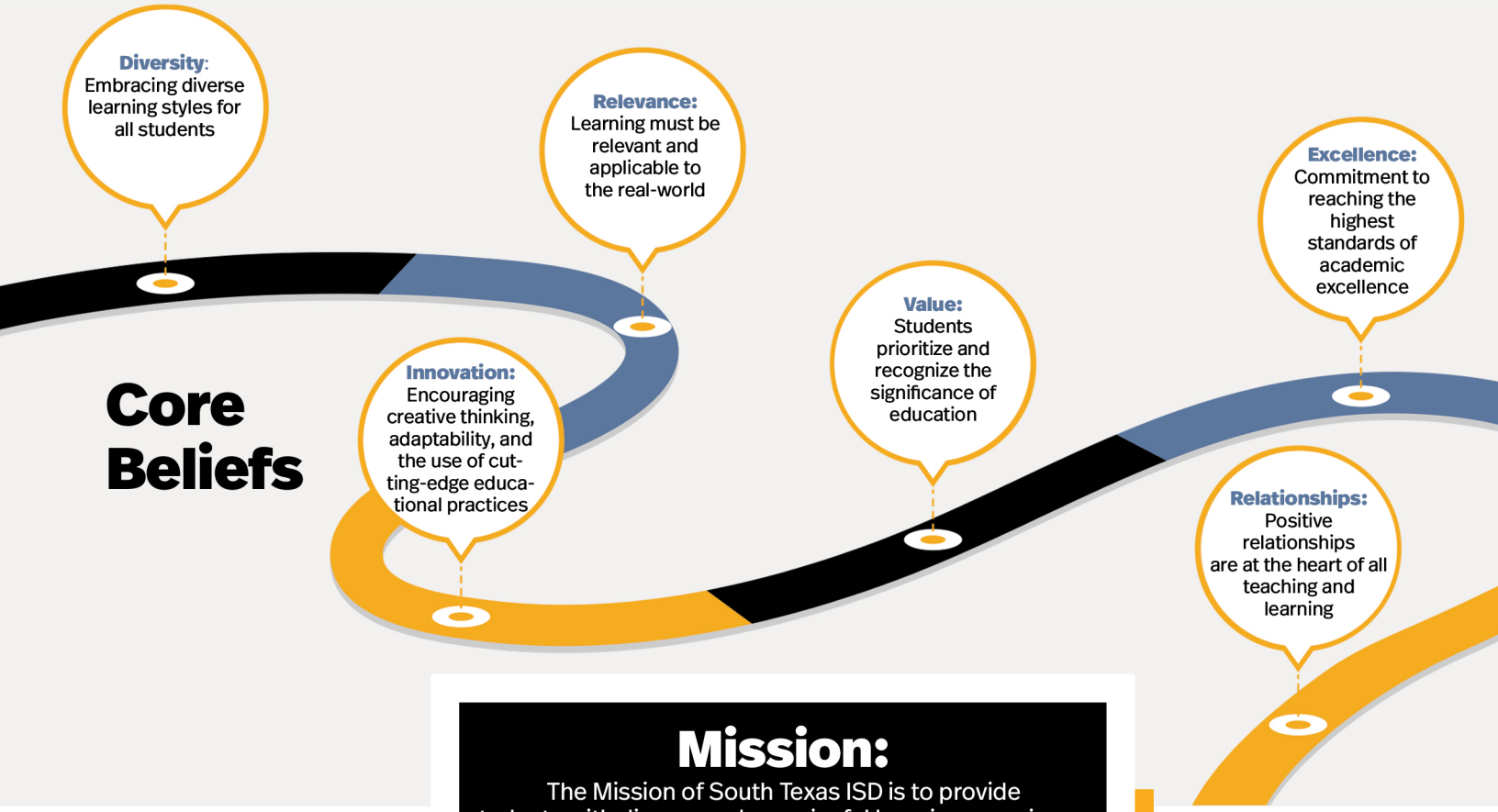
Table of Contents

Stategic Plan Mission & Vision 5
What is CTE? 6
What is Work-Based Learning? 7
Career & Technical Education at-a-Glance 8
Career & Technical Student Organizations 9
Agriculture, Food & Natural Resources 10
Arts, A/V Technology & Communications 12
Business, Marketing & Finance 14
Engineering 16
Health Science 18
Hospitality & Tourism 24
Information Technology 26
Law and Public Service 28
Manufacturing 30
Transportation, Distribution & Logistics 32
P-TECH 34
CTE Community Partnerships 35
STISD Half-Day Programs 36
CTE Consortium 37
Industry-Based Certifications 2025-2026 38



Strategic Plan Priorities

Core Beliefs



Mission:

The Mission of South Texas ISD is to provide students with diverse and meaningful learning experiences that will empower them with the knowledge, skills, and character to become leaders and innovators in a global society.

Vision:

Through a spirit of continuous innovation, South Texas ISD will pioneer unique and relevant opportunities to develop and encourage students to be the leaders of tomorrow; equipped and empowered to take on the challenges of an ever-changing world.

Goals

I. Teaching & Learning

II. Professional Development

III. Growth & Expansion

IV. Leadership Development

V. Communication

South Texas ISD paved the way for Career & Technical Education (CTE) in the Rio Grande Valley with the establishment of its first vocational magnet school in 1984. Since that time, the district has grown and developed its campuses and CTE programs, offering RGV students innovative educational opportunities.

STISD continues to build and strengthen courses, programs, and certification opportunities through organizations/extracurriculars that meet the individual interests and needs of our students. For the 2025-2026 School Year, we will offer 21 different Programs of Study within 10 Career Clusters, all intended to provide our students an advantage in their career.

With the wide variety of Career Clusters and Programs of Study at STISD, there is something here for every student. We are always innovating, and we offer state-of-the-art facilities and equipment and high-quality instruction by teachers who are experts in their fields. Your time at South Texas ISD will set you on the path to a successful career, and we are excited to guide you through it!

Our STISD Career & Technical Education Guide will help provide a perspective for current students and families to find their fit. We encourage you to look through the guide to learn more about available programs at STISD. The short quizzes and sample occupations will help you to define your areas of interest, and campus counselors are available to answer more specific questions as you decide your path to success.



What is CTE?

Career and Technical Education (CTE) is focused on delivering students of all ages with hands-on, skills-based education that better prepares them for future education or entering the workforce.

What is Work-Based Learning?

Work-based learning (WBL) enables students to learn about careers, build connections with industry professionals and develop and practice technical, academic and employability skills needed for career success. In fact, research finds that WBL helps students apply and extend classroom learning, gain motivation and establish critical understanding of the work environment.

WBL occurs on a continuum, ranging from short-term experiences like workplace tours and guest speakers to more sustained activities like internships and apprenticeships. It may take place in workplaces, in the community, at educational institutions and virtually and should build on and reinforce skills developed in the classroom.

Work-based Learning Continuum
the WBL continuum provides students with mulitple opportunities to experience careers and engage with employers in age-appropriate ways that increase in intensity over time. States, school districts, institutions and organizations have developed different models of the WBL Continuum.



AWARENESS	EXPLORATION	PREPARATION	PARTICIPATION
Learning **ABOUT** work. Build awareness of the variety of careers available and the role of postsecondary education;broaden student opinions.	Learning **ABOUT** work. Explore career options for the purpose of motivating students and to inform their decision making in high school and postsecdonary education.	Learning **THROUGH** work. Apply learning through practical experience that develops knowledge and skills necessary for success in careers.	Learning **FOR** work. Train for employment and postsecondary education in a specific range of occupations.

CTE at-a-Glance

CTE at STISD High Schools + Virtual Academy

Career Cluster	South Texas ISD Health Professions	South Texas ISD Medical Professions	South Texas ISD Science Academy	South Texas ISD World Scholars	South Texas ISD Virtual Academy
Agriculture, Food, and Natural Resources	■				
Arts, Audio Visual Technology, and Communications				■	
Business, Marketing, and Finance				■	■
Engineering			■		
Health Science	■	■			
Hospitality and Tourism		■			
Information Technology			■	■	
Law and Public Service			■	■	
Manufacturing			■		
Transportation, Distribution, and Logistics					

CTE at STISD Middle Schools + Virtual Academy

Career Cluster	High School Course	South Texas ISD Preparatory Academy	South Texas ISD Rising Scholars Academy	South Texas ISD Virtual Academy
Arts, Audio Visual Technology, and Communications	Principles of Arts, A/V Technology and Communications	■	■	
Business, Marketing, and Finance	Principles of Business, Marketing & Finance	■	■	■
Engineering	Introduction to Engineering Design (PLTW)	■	■	
Health Science	Principles of Health Science	■	■	
	Introduction to Dental Science	■	■	
	Introduction to Pharmacy Science	■	■	
Hospitality and Tourism	Introduction to Culinary Arts		■	
Information Technology	Fundamentals of Computer Science	■	■	
Law and Public Service	Principles of Law, Public Safety, Corrections & Security	■		

**** CTE courses are subject to change due to student enrollment, facilities and staff availability.***

CTE Student Organizations

Career and Technical Student Organizations extend Career and Technical Education in Texas through networks of programs, business and community partnerships and leadership experiences at the school, state and national levels. Career and Technical Student Organizations provide Texas students with opportunities to apply academic, technical and employability knowledge and skills necessary in today's workforce.



Business Professionals of America (BPA) The mission of BPA is to contribute to the preparation of a world-class workforce through advancement of leadership, citizenship, academic and technological skills. | www.bpa.org



HOSA - Future Health Professionals The mission of HOSA is to enhance the delivery of compassionate, quality health care by providing opportunities for knowledge, skill and leadership development of all health science education students, therefore, helping the student meet the needs of the health care community. | www.hosa.org



SkillsUSA is a partnership of students, teachers and industry working together to ensure America has a skilled workforce. SkillsUSA helps each student excel. | www.skillsusa.org



Technology Student Association (TSA) TSA fosters personal growth, leadership, and opportunities in technology, innovation, design, and engineering. Members apply and integrate science, technology, engineering and mathematics concepts through cocurricular activities, competitive events and related programs. | www.tsaweb.org



National Future Farmers of America (FFA) FFA is a dynamic student-led leadership development organization for students of agricultural education. FFA makes a positive difference in the lives of students by developing their potential for premier leadership, personal growth and career success through agricultural education. | www.texasffa.org

Agriculture, Food & Natural Resources

South Texas ISD Health Professions GRADES 9-12 | MERCEDES

The Agriculture, Food and Natural Resources Career Cluster focuses on the essential elements of life- food, water, land and air. This career cluster includes a diverse spectrum of occupations, ranging from farmer, rancher and veterinarian to geologist, land conservationist and florist. It also includes non-traditional agriculture occupations like wind energy, solar energy and oil and gas production.

Ask Yourself

1. Do you like working outdoors?
2. Are you interested in biological sciences?
3. Are you interested in environmental issues?
4. Do you like hunting and fishing?
5. Are you good with animals?

Endorsements

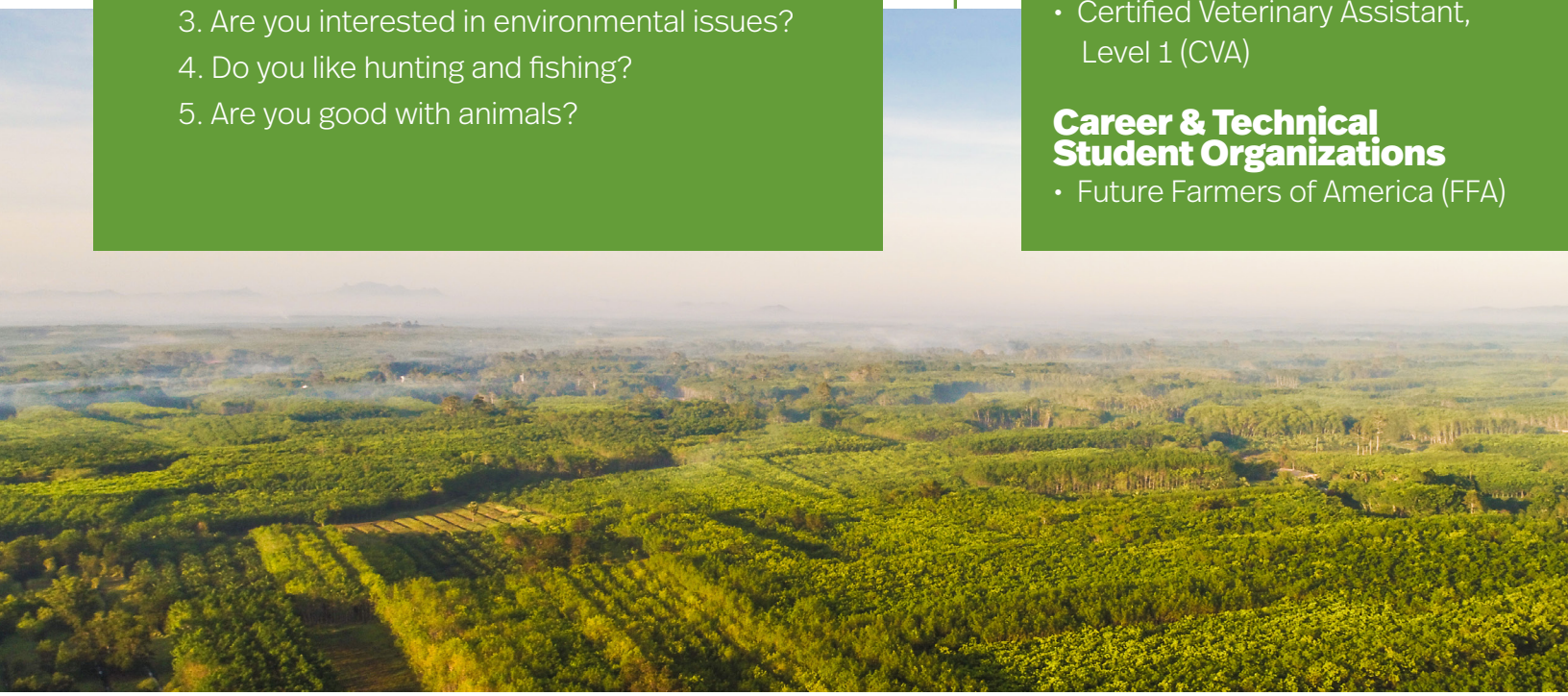
Business & Industry

Certifications

- Certified Veterinary Assistant, Level 1 (CVA)

Career & Technical Student Organizations

- Future Farmers of America (FFA)



Programs of Study

Animal Science

- Principles of Agriculture, Food & Natural Resources
- Small Animal Management/Equine Science
- Veterinary Science/Lab
- Practicum in Agriculture, Food and Natural Resources

Occupations:	Median Wage	Annual Openings	% Growth
• Veterinary Assistants & Laboratory Animal Caretakers	$29,906	1348	24%
• Veterinary Technologists and Technicians	$33,679	1217	24%
• Veterinarian	$103,160	347	26%

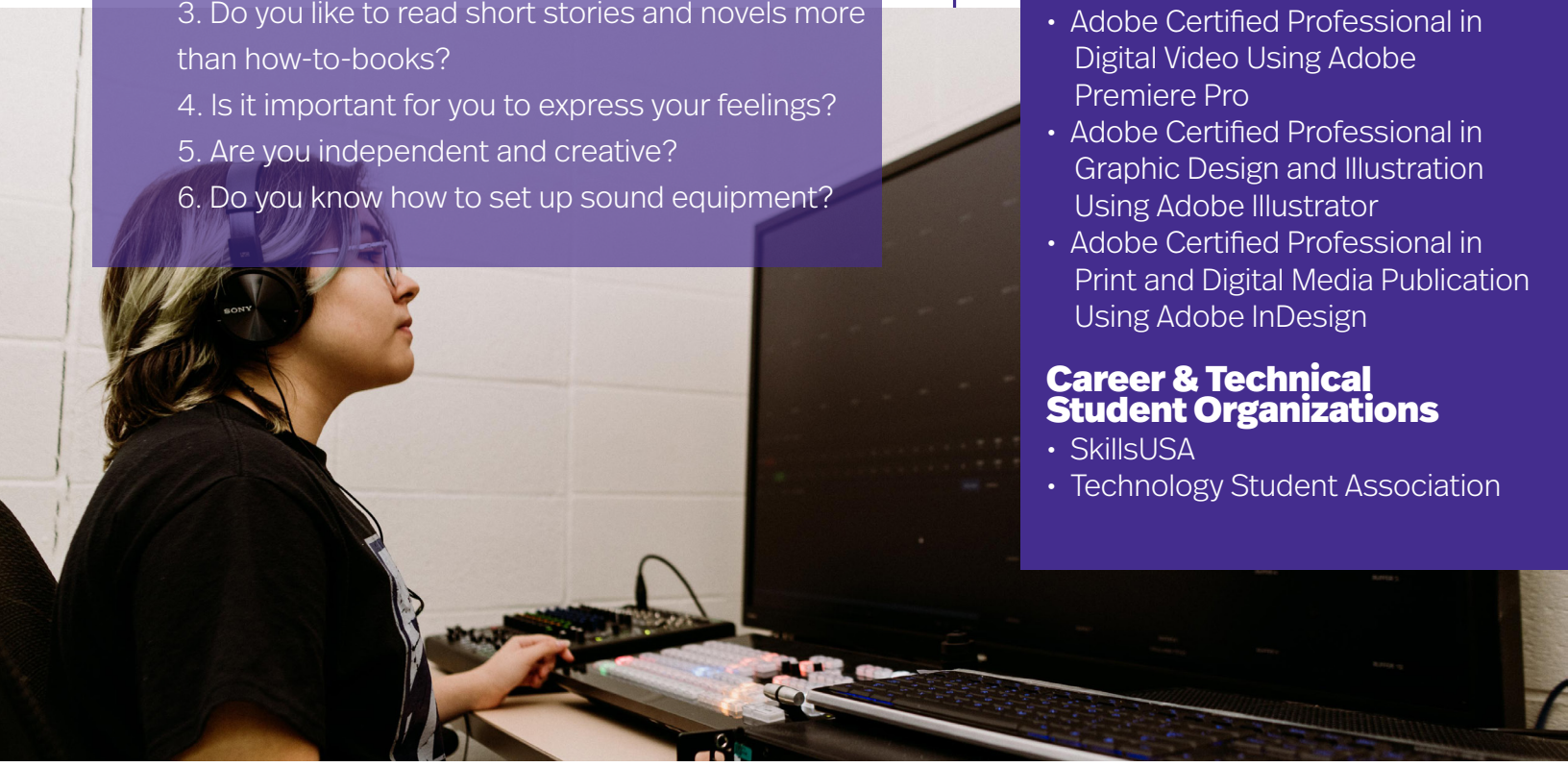


Arts/AV Technology & Communications

The Arts, A/V Technology and Communications (AAVTC) Career Cluster focuses on careers in designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services. Careers in the AAVTC career cluster require a creative aptitude, a strong background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication.

Ask Yourself

1. Do you have an active imagination?
2. Do you like to visit art museums?
3. Do you like to read short stories and novels more than how-to-books?
4. Is it important for you to express your feelings?
5. Are you independent and creative?
6. Do you know how to set up sound equipment?



Endorsements

Business & Industry

Certifications

- Adobe Certified Professional in Digital Video Using Adobe Premiere Pro
- Adobe Certified Professional in Graphic Design and Illustration Using Adobe Illustrator
- Adobe Certified Professional in Print and Digital Media Publication Using Adobe InDesign

Career & Technical Student Organizations

- SkillsUSA
- Technology Student Association

Programs of Study

Graphic Design & Interactive Media

- Principles of Arts, A/V Technology & Communications *or* Digital Design & Media Production
- Graphic Design and Illustration I
- Graphic Design and Illustration II/Lab
- Practicum in Graphic Design and Illustration



Occupations:	Median Wage	Annual Openings	% Growth
• Software Developers	$111,705	15,324	36%
• Graphic Designers	$50,973	1,766	10%
• Art Director	$81,926	619	18%

Digital Communications

- Principles of Arts, A/V Technology & Communications *or* Professional Communications/Web Communications
- Audio/Video Production I
- Audio/Video Production II/Lab
- Practicum in Audio/Video Production



Occupations:	Median Wage	Annual Openings	% Growth
• Camera Operators, Television, Video & Film	$48,422	155	20%
• Audio and Video Technicians	$46,319	626	30%
• Producers & Directors	$65,029	522	12%

Business, Marketing & Finance

The Business, Marketing and Finance Career Cluster focuses on careers in planning, organizing, directing and evaluating business functions essential to efficient and productive business operations.

Ask Yourself

1. Do you like math?
2. Can you persuade people to accept your point of view?
3. Do you like selling things?
4. Do you like to be in charge of group projects?
5. Are you driven to increase profits and competition?

Endorsements

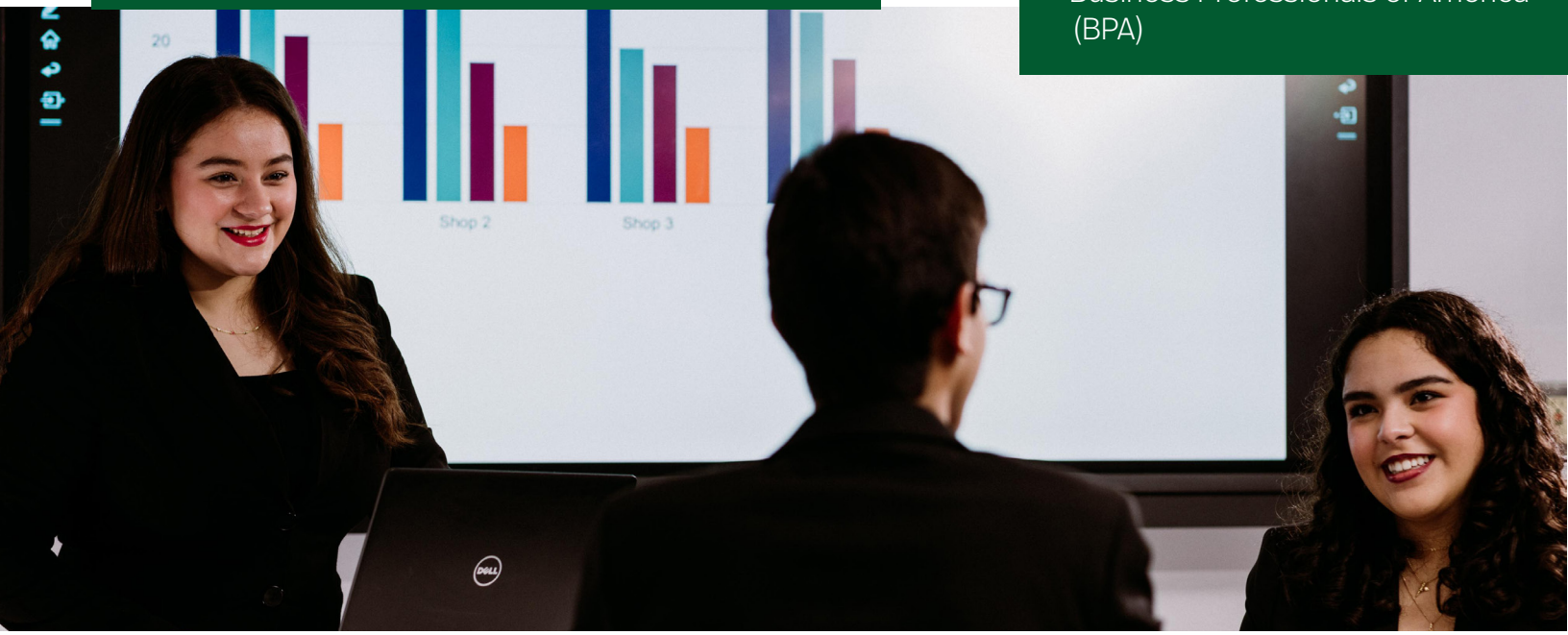
Business & Industry

Certifications

- Entrepreneurship & Small Business
- Microsoft Office Specialist

Career & Technical Student Organizations

- Business Professionals of America (BPA)



Programs of Study

Business Management

- Principles of Business, Marketing & Finance *or* Foundations of Business Communication & Technologies
- Business Communication & Technologies
- Business Management
- Practicum in Business Management



Occupations:	Median Wage	Annual Openings	% Growth
• First Line Supervisors of Administrative Support Workers	$59,585	13,885	9%
• Human Resource Specialist	$61,278	6,239	23%
• General and Operations Managers	$83,220	25,450	23%

Marketing & Sales

- Principles of Business, Marketing & Finance or Marketing
- Sports & Entertainment Marketing/Virtual Business
- Social Media Marketing/Sports Entertainment Marketing II
- Practicum in Marketing



Occupations:	Median Wage	Annual Openings	% Growth
• Retail Salespersons	$28,356	56,132	15%
• Market Research Analysts	$60,926	5,688	35%
• Sales Managers	$123,729	3,368	21%

Engineering

South Texas ISD Science Academy
GRADES 9-12 | MERCEDES

The Engineering Career Cluster focuses on the planning, managing, and providing scientific research and professional and technical services, including laboratory and testing services and research and development services.

Ask Yourself

1. Do you enjoy working with your hands?
2. Do you like to take things apart and see how they work?
3. Do you get good grades in English, Math and Science?
4. Do you like group projects and working with others to reach a common goal?

Endorsements

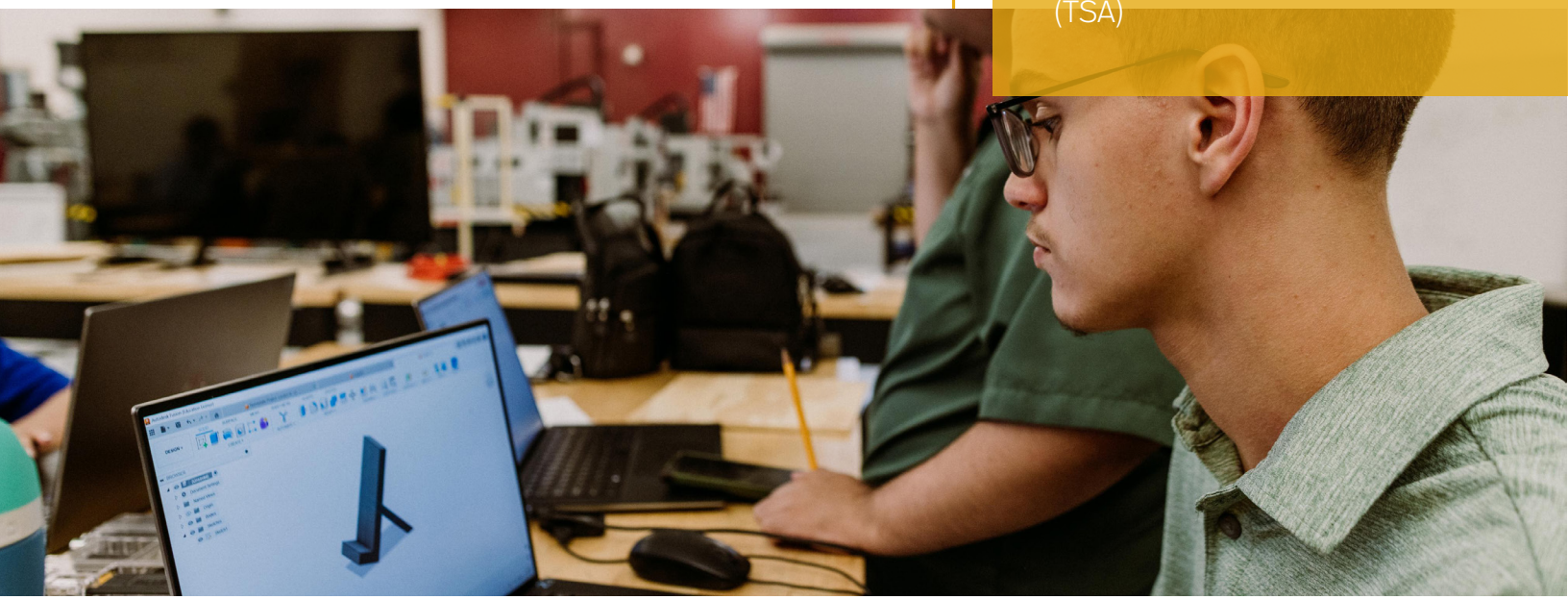
STEM

Certifications

- Autodesk Certified User-Revit Architecture
- Autodesk Certified User-Fusion 360

Career & Technical Student Organizations

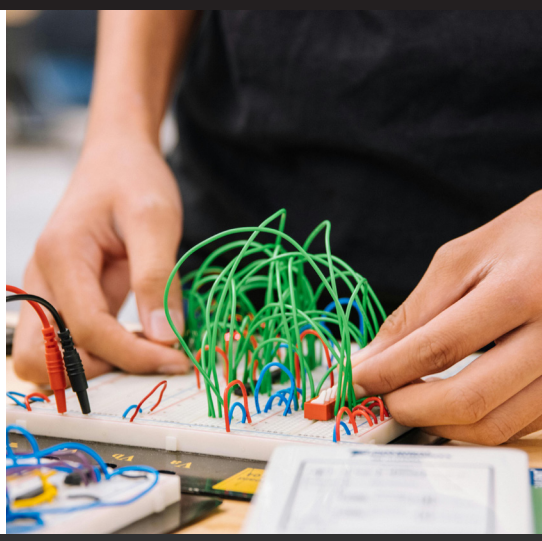
- SkillsUSA
- Technology Student Association (TSA)



Programs of Study

Engineering Foundations

- Engineering Design Process (PLTW - IED)
- Engineering Science (PLTW - POE)
- Digital Electronics (PLTW - DE)
- Computer Integrated Manufacturing (PLTW - CIM) *or* Architectural Engineering or Practicum in Engineering
- Engineering, Design & Presentation (PLTW - EDD)



Occupations:	Median Wage	Annual Openings	% Growth
• Civil Engineering Technologists & Technicians	$61,138	765	11%
• Electrical Engineer	$102,534	1,271	21%
• Civil Engineer	$80,980	2,823	22%

Mechanical and Aerospace Engineering

- Engineering Design Process (PLTW - IED)
- Engineering Science (PLTW - POE)
- Aerospace Design I or Mechanical Design I
- Aerospace Design II or Mechanical Design II
- Engineering, Design & Presentation (PLTW - EDD)



Occupations:	Median Wage	Annual Openings	% Growth
• Aerospace Engineering & Operations Technologists & Technicians	$48,204	192	21%
• Mechanical Engineers	$99,937	1,755	18%
• Aerospace Engineers	$115,694	483	18%

Health Science

South Texas ISD Health Professions GRADES 9-12 | MEDICOR

South Texas ISD Medical Professions GRADES 9-12 | OLMITO

The Health Science Career Cluster focuses on planning, managing and providing therapeutic services, diagnostics services, health informatics, support services and biotechnology research and development. To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, communicate effectively and work well with others.

Ask Yourself

1. Do you like working with people?
2. Do you like science?
3. Do you work well in a team?
4. Have you ever done volunteer work to help others?
5. Do you enjoy laboratory work in chemistry or biology?



Endorsements

Public Services

Certifications

- Certified Clinical Medical Assistant (CCMA)
- Certified EKG Technician
- Certified Nurse Aide (CNA)
- Certified Ophthalmic Technician
- Certified Personal Trainer (CPT)
- Emergency Medical Technician - Basic
- Medical Billing & Coding
- Medical Laboratory Assistant
- Patient Care Technician (PCT)
- Pharmacy Technician
- Phlebotomy Technician
- Registered Dental Assistant

Career & Technical Student Organizations

- HOSA- Future Health Professionals

Programs of Study

Exercise Science, Wellness and Restoration

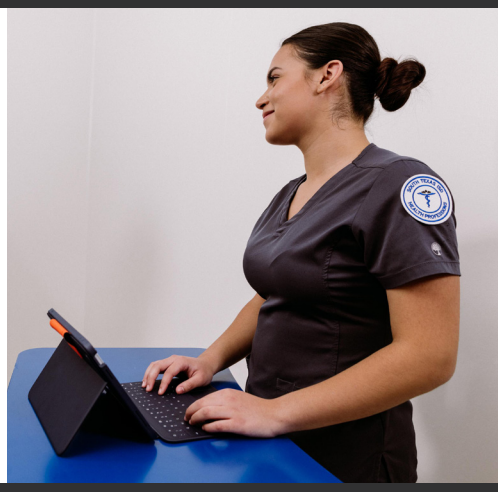
- Principles of Exercise and Wellness
- Kinesiology I and Anatomy & Physiology
- Kinesiology II
- Practicum in Entrepreneurship



Occupations:	Median Wage	Annual Openings	% Growth
• Exercise Trainers & Group Fitness Instructors	$44,916	5,022	41%
• Physical Therapist Assistants	$74,866	1,218	44%
• Athletic Trainers	$54,447	295	13%

Health Informatics

- Principles of Health Science and Medical Terminology
- Medical Intervention Evaluation & Research
- Health Informatics
- Medical Billing & Coding



Occupations:	Median Wage	Annual Openings	% Growth
• Medical Secretaries/ Adminisatrative Assistants	$36,994	10,505	21%
• Medical Records Specialist	$39,408	2,763	18%
• Medical & Health Service Managers	$102,937	4,787	43%

Health Science

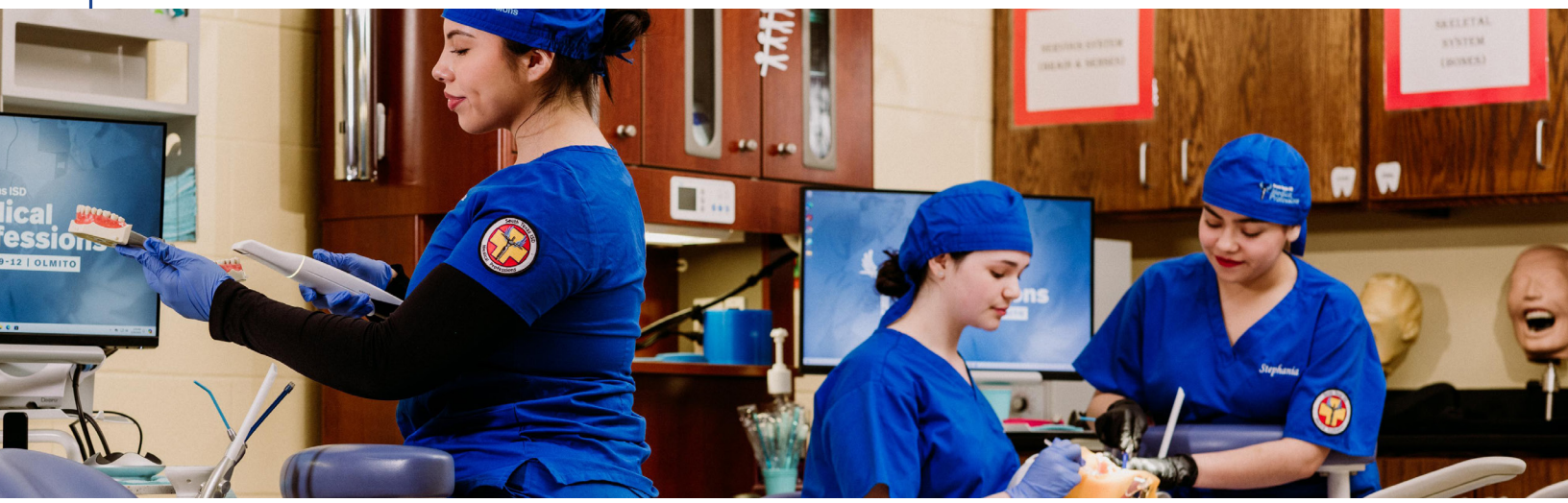
Diagnostic & Therapeutic Services - Pharmacy Technican

- Introduction to Pharmacy Science and Medical Terminology
- Pharmacy I and Anatomy & Physiology
- Pharmacology and Pathophysiology
- Pharmacy II



Diagnostic & Therapeutic Services - Dental Assistant

- Introduction to Dental Science and Medical Terminology
- Dental Anatomy & Physiology and Dental Equipment & Procedures
- Health Science Theory/Clinical - Dental
- Practicum of HS Dental



Programs of Study

Diagnostic & Therapeutic Services - Emergency Medical Technician - Basic

- Principles of Health Science and Medical Terminology
- Anatomy & Physiology and Pathophysiology
- Health Science Theory/Clinical
- Practicum of HS EMT





Diagnostic & Therapeutic Services - Certified Clincal Medical Assistant

- Principles of Health Science and Medical Terminology
- Anatomy & Physiology and Pathophysiology
- Health Science Theory/Clinical
- Practicum of HS CCMA *or* Ophthalmology

Occupations:	Median Wage	Annual Openings	% Growth
• Medical Assistants	$36,834	11,638	29%
• Dental Hygienists	$79,663	1,352	32%
• Physician Assistants	$127,332	974	41%

Health Science

South Texas ISD Health Professions
GRADES 9-12 | MERCEDES

South Texas ISD Medical Professions
GRADES 9-12 | OLMITO

Nursing Science

- Principles of Nursing and Medical Terminology
- Anatomy & Physiology and Pathophysiology
- Leadership & Management in Nursing and Pharmacology
- Practicum in Nursing



Occupations:	Median Wage	Annual Openings	% Growth
• Nursing Assistants	$30,856	10,936	15%
• Licensed Practical & Licensed Vocational Nurses	$50,913	6,865	17%
• Registered Nurses	$79,831	16,207	17%



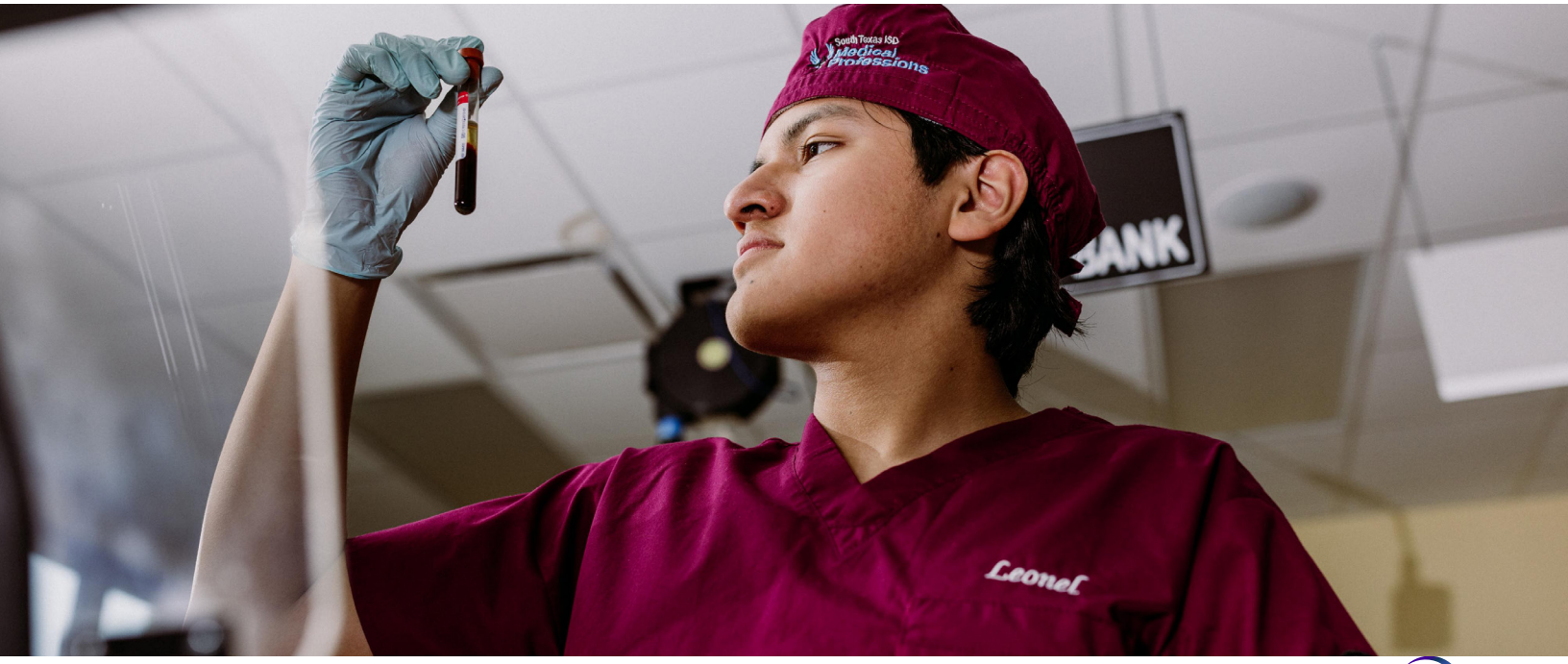
Programs of Study

Biomedical

- Principles of Biosciences
- Biotechnology I and Medical Microbiology
- Biotechnology II and Pathophysiology
- Health Science Theory/Clinical Biomedical



Occupations:	Median Wage	Annual Openings	% Growth
• Medical Equipment Preparers	$38,827	519	18%
• Forensic Science Technicians	$56,971	249	22%
• Biological Technicians	$45,787	879	14%



Hospitality & Tourism

South Texas ISD Medical Professions GRADES 9-12 | OLMITO

The Hospitality and Tourism Career Cluster focuses on the management, marketing, and operations of restaurants and other food/beverage services, lodging, attractions, recreation events, and travel-related services. Students acquire knowledge and skills focusing on communication, time management, and customer service that meet industry standards. Students will explore the history of the hospitality and tourism industry and examine characteristics needed for success.

Ask Yourself

1. Can you juggle several tasks at the same time?
2. Are you able to work long hours, weekends or evenings?
3. Can you handle intense deadline pressure?
4. Can you put the needs of your guest(s) before your own needs?

Endorsements

Business & Industry

Certifications

- ServSafe Manager

Career & Technical Student Organizations

- SkillsUSA



Programs of Study

Culinary Arts

- Introduction to Culinary Arts
- Foundations of Restaurant Management
- Culinary Arts or Advanced Culinary Arts
- Practicum in Culinary Arts



Occupations:	Median Wage	Annual Openings	% Growth
• Bakers	$29,466	2,942	26%
• Chefs & Head Cooks	$44,761	950	37%
• General & Operations Managers	$83,220	24,450	23%



Information Technology

South Texas ISD Science Academy GRADES 9-12 | MERCEDES

South Texas ISD World Scholars GRADES 9-12 | EDINBURG

The Information Technology Career Cluster focuses on the design, development, support and management of hardware, software, multimedia and systems integration services. This career cluster includes occupations ranging from Software Developer and Programmer to Cybersecurity Specialists and Network Analysts.

Ask Yourself

1. Do you like to think with electrical equipment?
2. Do you enjoy video games?
3. Do you like working with computers?
4. Do you like following a blueprint to build things?

Endorsements

STEM

Certifications

- Certified Entry-Level Python Programmer
- Comp TIA Network+
- Information Technology Specialist: Java

Career & Technical Student Organizations

- Technology Student Association
- SkillsUSA



Programs of Study

Cybersecurity

- Foundations of Cybersecurity
- AP Computer Science Principles
- AP Computer Science A
- Cybersecurity Capstone



Occupations:	Median Wage	Annual Openings	% Growth
• Computer User Support Specialist	$51,411	5,747	21%
• Software Developers	$111,705	15,324	36%
• Information Security Analysts	$110,268	1,719	49%

Programming & Software Development

- Fundamentals of Computer Science *or* AP Computer Science Principles *or* Computer Science I
- AP Computer Science A *or* Mobile Application Development
- Computer Science II
- Computer Science III



Occupations:	Median Wage	Annual Openings	% Growth
• Computer User Support Specialist	$51,411	5,747	21%
• Software Developers	$111,705	15,324	36%
• Computer Programmers	$87,997	1,176	4%

Law & Public Service

The Law and Public Service Career Cluster focuses on planning, managing and providing legal services, public safety, protective services and homeland security, including professional and technical support services. Students will examine the roles and responsibilities of police, courts, corrections, private security, and fire and emergency services.

Ask Yourself

1. Do you do well in your English courses?
2. Do you have a clean police record?
3.Do you keep your cool in stressful or dangerous situations?

Endorsements

Public Services

Certifications

- IAED Emergency Telecommunicator

Career & Technical Student Organizations

- SkillsUSA



Programs of Study

Law Enforcement

- Principles of Law, Public Safety, Corrections & Security
- Law Enforcement I and Forensic Psychology
- Law Enforcement II and Forensic Science
- Practicum in Law, Public Safety, Corrections & Security



Occupations:	Median Wage	Annual Openings	% Growth
• Police and Sheriff's Patrol Officers	$64,373	5,424	13%
• Detectives & Crime Investigators	$82,090	1,536	8%
• First-Line Supervisors of Police and Detectives	$97,571	5,461	12%

Legal Studies

- Principles of Law, Public Safety, Corrections & Security
- Court Systems & Practices
- Legal Research Writing
- Practicum in Law, Public Safety, Corrections & Security



Occupations:	Median Wage	Annual Openings	% Growth
• Court Reporters	$51,177	174	11%
• Paralegals & Legal Assistants	$56,310	4,046	23%
• Lawyers	$134,158	3,915	19%

Manufacturing

South Texas ISD Science Academy GRADES 9-12 | MERCEDES

The Manufacturing Career Cluster focuses on planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.

Ask Yourself

1. Are you good at operating tools and machinery?
2. Is automation intriguing to you?
3. Can you follow safety instructions?
4. Do you enjoy taking things apart and putting them back together?
5. Are you good at spotting imperfections or inconsistencies in products?

Endorsements

Business & Industry

Certifications

- Machining Measurement, Material & Safety Level I
- AWS D1.1 Structural Steel
- AWS D9.1 Sheet Metal Welding

Career & Technical Student Organizations

- SkillsUSA



Programs of Study

Manufacturing Technology

- Principles of Manufacturing
- Diversified Manufacturing I
- Diversified Manufacturing II
- Practicum in Manufacturing

*Dual Enrollment Opportunities



Occupations:	Median Wage	Annual Openings	% Growth
• Machinists	$48,732	3,385	23%
• Industrial Engineering Technologist & Technicians	$62,096	787	17%
• Industrial Engineer	$100,000	1,898	26%

Welding

- Introduction to Welding
- Welding I
- Welding II
- Practicum in Manufacturing

*Dual Enrollment Opportunities



Occupations:	Median Wage	Annual Openings	% Growth
• Welders, Cutters, Solderers & Brazers	$48,177	6,792	23%
• First Line Supervisors of Product & Operating Workers	$62,584	5,926	17%
• Industrial Production Managers	$119,691	1,296	19%

Transportation, Distribution & Logistics

The Transportation, Distribution and Logistics Career Cluster focuses on careers in planning, management and movement of people, materials and goods by road, pipeline, air, rail and water. It also includes related professional support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.

Ask Yourself

1. Do you pay attention to details?
2. Are you good at operating tools and machinery?
3. Do you enjoy working with your hands?
4. Do you prefer being outdoors instead of indoors?
5. Do you enjoy taking things apart and putting them back together?

Endorsements

Business & Industry

Certifications

- ASE Entry-Level Automobile
- FAA Part 107 Drone Pilot License

Career & Technical Student Organizations

- SkillsUSA



Programs of Study

Automotive

- Automotive Basics
- Automotive Technology I: Maintenance & Light Repair
- Automotive Technology II: Automotive Service
- Practicum in Transportation Systems-Automotive



Occupations:	Median Wage	Annual Openings	% Growth
• Automotive Service Technician and Mechanic	$44,809	6,285	10%
• Bus & Truck Mechanics & Diesel	$50,967	3,096	19%
• First Line Supervisors of Mechanics, Installers & Repairers	$66,535	5,019	19%

Aviation Pilot

- Introduction to Aerospace Aviation
- Aerospace Design I (PLTW-AERO)
- Introduction to Unmanned Aerial Vehicles (UAV)
- Practicum in Transportation Systems - Aviation



Occupations:	Median Wage	Annual Openings	% Growth
• Commercial Pilot	$108,120	663	20%
• Airline Pilot, Co-Pilots & Flight Engineers	$108,060	1,204	14%

P-TECH AT

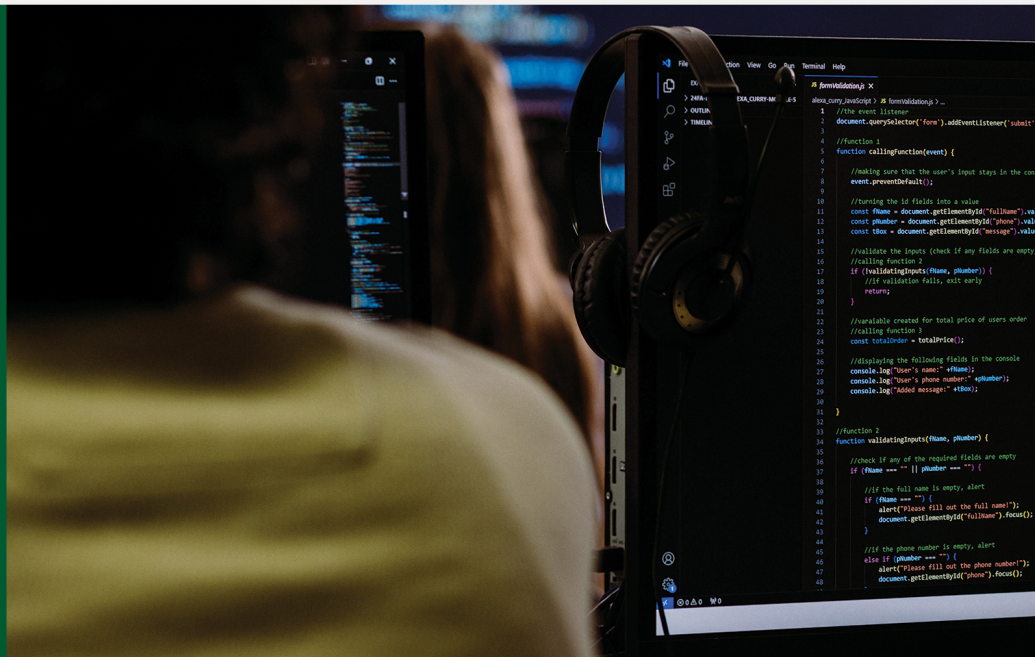
South Texas ISD
Science Academy
GRADES 9-12 | MERCEDES

P-TECH is an innovative school model that allows students to receive curriculum focused on workforce needs, and develop partnerships while obtaining credentials, certificates and earn college credit hours.

Students participating in P-TECH can:

- **Earn** a **high school diploma** and a **certificate** in the area of computer programming & software development at **NO COST**
- **Graduate** with up to **56 credit hours** transferable to any Texas supported college or university
- **Gain work experience** through career readiness, job shadowing, internships, or job training programs
- **Take courses** within the **Programming & Software Development CTE Program of Study**

More on P-TECH



CTE Community Partnerships

AT STISD, we are grateful for our community partners and the invaluable experiences they provide to our students as they pursue their CTE programs of study. We are always open to establishing new partnerships to offer even richer learning opportunities.

If you are interested in becoming one of our STISD Business/Industry Partners, please contact our CTE department at (956) 514-4268 or submit your contact information through the QR Code. Thank you!











*Please note: Not all partners included in photos

STISD Half-Day Programs

Through the STISD Half-Day Programs, students with special needs can take the majority of their academic classes at their home high schools and take a combination of Career & Technical Education (CTE) and academic courses for a total of 4 credits per year.

The purpose of the Half-Day Programs is to teach students in a real work environment so they gain a marketable edge in the workforce. Further, students gain the confidence they need to continue their education after high school. Graduates of the program have solid technical and social skills.

If you are interested in becoming an STISD Half-Day Programs partner, or if you would like more information about our STISD Half-Day Programs, please contact: 956.514.4259.







CTE Consortium

Through the newly-established CTE Consortium, STISD will partner with other school districts in the tri-county area served (Cameron, Hidalgo and Willacy Counties) to provide their students with the opportunity to participate in Programs of Study within 7 Career Clusters at STISD.

There is a nominal fee per student per year for supplies and materials. Transportation is provided free of charge if the district is participating with the STISD Half-Day Programs; otherwise home school districts are responsible for providing transportation for their students.

If your district is interested in partnering with STISD to have students participate in the STISD CTE Consortium, or if you would like more information, please contact: 956.514.4268.



Industry-Based Certifications

2025-2026

-Adobe Certified Professional in Digital Video using Adobe Premiere Pro .....
-Adobe Certified Professional in Graphic Design and Illustration using Adobe Illustrator .....
-Adobe Certified Professional in Print and Digital Media Publication using Adobe InDesign .....
-ASE Entry-Level Automobile Maintenance & Light Repair (MR) .....
-ASE Entry-Level Automobile Brakes (BR) .....
-ASE Entry-Level Automobile Engine Repair (ER) .....
-ASE Entry-Level Automobile Service Technology .....
-ASE Entry-Level Automobile Suspension and Steering (SS) .....
-ASE-Refrigerant Recovery and Recycling .....
-Autodesk Certified User – Fusion 360 .....
-Autodesk Certified User - Revit Architecture .....
-AWS D1.1 Structural Steel .....
-AWS D9.1 Sheet Metal Welding .....
-Certified Clinical Medical Assistant (CCMA) .....
-Certified EKG Technician .....
-Certified Entry-Level Python Programmer (PCEP) .....
-Certified Nurse Aid (CNA) .....
-Certified Ophthalmic Technician .....

Health Professions | Mercedes
Medical Professions | Olmito
Science Academy | Mercedes
World Scholars | Edinburg
Virtual Academy | RGV

**** CTE courses are subject to change due to student enrollment, facilities & staff availability.***

Industry-Based Certifications

2025-2026

- -Certified Personal Trainer (CPT)
- -Certified Veterinary Assistant, Level 1 (CVA)
- -Comp TIA Network +
- -Emergency Medical Technician - Basic
- -Entrepreneurship and Small Business
- -FAA Part 107 Remote Drone Pilot
- -IAED Emergency Telecommunicator
- -Information Technology Specialist: Java
- -Machining Measurement, Material and Safety Level I
- -Medical Laboratory Assistant
- -Microsoft Office Specialist: Microsoft Access Expert (Access 2019)
- -Microsoft Office Specialist: Microsoft Excel Expert (Excel and Excel 2019)
- -Microsoft Office Specialist: Microsoft Word Expert (Word and Word 2019)
- -Patient Care Technician (PCT)
- -Pharmacy Technician
- -Phlebotomy Technician
- -Registered Dental Assistant X-Ray Certificate
- -ServSafe Manager

Health Professions | Mercedes

Medical Professions | Olmito

Science Academy | Mercedes

World Scholars | Edinburg

Virtual Academy | RGV

**** CTE courses are subject to change due to student enrollment, facilities & staff availability.***

South Texas ISD

It is the policy of South Texas Independent School District not to discriminate on the basis of race, color, national origin, sex or handicap in its vocational programs, services or activities and provides equal access to the Boy Scouts and other designated youth groups as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended.

Es norma del Distrito Independiente de South Texas de no discriminar en sus programas, servicios o actividades vocacionales y brinda igualdad de acceso a los Boy Scouts y otros grupos juveniles designados por motivos de raza, color, origen nacional, sexo o impedimento, tal como lo requieren el Título VI de la Ley de Derechos Civiles de 1964, según enmienda; Título IX de las Enmiendas en la Educación de 1972, y la Sección 504 de la Ley de Rehabilitación de 1973, según enmienda.

Career & Technical Education (CTE)

www.stisd.net | 956.565.2454