



Always Innovating

**South
Texas ISD**

RIO GRANDE VALLEY | GRADES 6-12

Career and Technical Education Consortium

2025-2026 Handbook

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STISD CTE Consortium Program

The South Texas ISD CTE Consortium is a partnership between STISD and participating school districts across the Rio Grande Valley, created to expand opportunities for all students in emerging and innovative career pathways.

STISD Consortium is open to students in grades 9–12. This collaboration allows students to pursue a program of study and earn a certificate in an aligned career of choice. These courses are designed for both college- and career-bound students, emphasizing hands-on learning, real-world projects, and community-based experiences. Through a mix of classroom instruction, lab, and shop activities, students gain practical skills and knowledge in their chosen field.

Through the Consortium, students take their CTE Program aligned courses at STISD high schools. The schools are located in the Rio Grande Valley. Please see the list below:

- Health Professions – Mercedes, TX
- Science Academy – Mercedes, TX
- Medical Professions – Olmito, TX
- World Scholars – Edinburg, TX

STISD CTE Consortium Overview

- Offers student seats in **14+ career pathways** across **four STISD high school campuses**
- Open to students in grades 9–12 from participating school districts
- **Nominal fee:** \$500 per student, per year (covers supplies and materials)
- **Transportation:**
 - Provided **free of charge** for districts participating in the **STISD half-day program**
 - If not participating in STISD Half-day program, **home districts are responsible** for transportation
- **Home districts** retain:
 - **Student enrollment**
 - **All associated state and federal funding**

Why Join the STISD CTE Consortium?

The STISD CTE Consortium offers students the chance to explore high-quality, hands-on programs that may not be available at their home campus. Whether you're looking to earn certifications, gain real-world experience, or pursue a specialized pathway, this program opens doors to future success. It's ideal for students who want more options, more access, and more opportunity.

Reasons to Join:

- Desired CTE program is **not offered at your home campus**
- **Not able to secure a spot** in a limited-seat CTE program at home campus
- **Learn in state-of-the-art labs and classrooms**
- Earn a **certification not available** through home district
- Learn from **industry experts and experienced instructors**
- Participate in **recognized CTSO chapters** for events & competitions
- ALL enrollment, attendance, and funding remains with home district/campus.

CTE Consortium Guide

Career Cluster: Health Sciences

Biomedical Science			
9th Grade	10th Grade	11th Grade	12th Grade
<u>Principles of Biosciences</u> State# 13036300 1 credit	<u>Biotechnology I</u> State # 13036400 1 credit and <u>Medical Microbiology</u> State# 13020700 - 1 credit	<u>Biotechnology II</u> State # 13036450 1 credit and <u>Pathophysiology</u> State#13020800 1 credit	<u>Health Science Theory/Clinical</u> State # 13020410 2 credits
STISD Recommended Prerequisites		TEA Required Prerequisites *	
None	Biology* Biology* & Chemistry* ;One course in POS*	Biotechnology I* and Chemistry* Biology* and Chemistry* and 1 POS level 2 or higher	Biology*and 1 POS course*
<i>Possible Certifications: Medical Laboratory Assistant & Phlebotomy Tech</i>			

Career Cluster: Health Sciences

Exercise Science & Wellness			
9th Grade	10th Grade	11th Grade	12th Grade
<u>Principles of Exercise Science & Wellness</u> State# N1302107 1 credit and <u>Kinesiology I</u> State# N1302104 1 credit	<u>Anatomy & Physiology</u> State # 13020600 1 credit	<u>Kinesiology II</u> State # N1302124 1 credit	<u>Practicum in Entrepreneurship</u> State # 13011111 2 credits
STISD Recommended Prerequisites		TEA Required Prerequisites *	
None	Biology* and 1 credit in Physics, IPC, or Chemistry*	Kinesiology I	2 POS courses
<i>Possible Certifications: Certified Personal Trainer (CPT)</i>			

Career Cluster: Health Sciences

Health Informatics			
9th Grade	10th Grade	11th Grade	12th Grade
<u>Principles of Health Science</u> State# 13020200 1 credit and <u>Medical Terminology</u> State# 13020300 credit	<u>Medical Intervention Evaluation & Research</u> State # N1302125 1 credit	<u>Health Informatics</u> State # 13020960 1 credit	<u>Medical Billing & Coding</u> State # 13020964 1 credit
STISD Recommended Prerequisites		TEA Required Prerequisites *	
None	None	Medical Terminology*	2 POS courses & Medical Terminology*
<i>Possible Certifications: Medical Billing & Coding</i>			

Career Cluster: Health Sciences

Healthcare Diagnostics & Therapeutic Services			
9th Grade	10th Grade	11th Grade	12th Grade
<u>Principles of Health Science</u> State# 13020200 1 credit and/or <u>Medical Terminology</u> State# 13020300 1 credit	<u>Anatomy & Physiology</u> State # 13020600 1 credit and <u>Pathophysiology</u> State#13020800 1 credit	<u>Health Science Theory / Clinical</u> State # 13020410 2 credits	<u>Practicum of Health Science</u> State # 13020500 2 credits
STISD Recommended Prerequisites		TEA Required Prerequisites *	
None	Biology*and 1 credit in Physics, IPC, or Chemistry* Biology* and Chemistry* and 1 POS level 2 or higher*	Biology*and 1 POS course*	2 POS courses; Health Science Theory* & Biology*
<i>Possible Certifications: Patient Care Tech, Certified Clinical Medical Assistant, EKG</i>			

Career Cluster: Health Sciences

Nursing Science			
9th Grade	10th Grade	11th Grade	12th Grade
<u>Principles of Nursing Science</u> State# N1302109 1 credit and <u>Medical Terminology</u> State# 13020300 1 credit	<u>Anatomy & Physiology</u> State # 13020600 1 credit and <u>Pathophysiology</u> State#13020800 1 credit	<u>Leadership & Management in Nursing</u> State # 13021225 1 credit <u>Pharmacology</u> State#13020950 1 credit	<u>Practicum in Nursing - CNA</u> State # 13021230 2 credits
STISD Recommended Prerequisites		TEA Required Prerequisites *	
None	Biology*and 1 credit in Physics, IPC, or Chemistry* Biology* and Chemistry* and 1 POS level 2 or higher*	Biology*; Chemistry* & 1 POS course* Biology* and Chemistry* and 1 POS level 2 or higher*	Biology* and Chemistry* One level 2 or higher POS course*
<i>Possible Certifications: Certified Nurse Assistant (CNA)</i>			

CTE Consortium Guide

Career Cluster: Manufacturing

Manufacturing Technology			
9th Grade	10th Grade	11th Grade	12th Grade
<u>Principles of Manufacturing</u> State# 13032200 1 credit	<u>Diversified Manufacturing I</u> State # 13032650 1 credit	<u>Diversified Manufacturing II</u> State # 13032660 1 credit	<u>Practicum in Manufacturing</u> State # 13033000 2 credits
STISD Recommended Prerequisites		TEA Required Prerequisites *	
None	None	Diversified Manufacturing. I *	2 POS courses
Possible Certifications: NIMS - Machining Measurement, Material and Safety Level I			

Career Cluster: Transportation, Distribution, & Logistics

Automotive			
9th Grade	10th Grade	11th Grade	12th Grade
<u>Automotive Basics</u> State# 13039550 1 credit	<u>Automotive Tech I: Maintenance & Light Repair</u> State # 13039600 2 credits	<u>Automotive Tech II: Automotive Service</u> State # 13039700 2 credits	<u>Practicum in Transportation Systems Automotive</u> State # 13040450 2 credits
STISD Recommended Prerequisites		TEA Required Prerequisites *	
None	1 POS course	Automotive Technology I*	Minimum 2 POS courses
Possible Certifications: Automotive Service Excellence (ASE)			

Career Cluster: Transportation, Distribution, & Logistics

Aviation Pilot			
9th Grade	10th Grade	11th Grade	12th Grade
<u>Introduction to Aerospace Aviation</u> State# N1304672 1 credit	<u>Aerospace Engineering</u> State # N1303745 1 credit	<u>Introduction to Unmanned Aerial Vehicles (UAV)</u> State # N1304670 1 credit	<u>Practicum in Transportation Systems (Aviation)</u> State # 13040450 2 credits
STISD Recommended Prerequisites		TEA Required Prerequisites *	
None	None	None	Minimum 2 POS courses
Possible Certifications: FAA Part 107 Drone Pilot License			

Career Cluster : Information Technology

Programming and Software Development			
9th Grade	10th Grade	11th Grade	12th Grade
<u>Fundamentals of Computer Science</u> State# 3580140 1 credit Or <u>Computer Science I</u> State # 3580200 1 credit Or <u>AP Computer Science Principles</u> State # A3580300 1 credit	<u>Mobile Application Development</u> State # 3580390 1 credit	<u>Computer Science II</u> State # 3580300 1 credit Or <u>AP Computer Sci-A IOTE & Math</u> State # A3580120 / A3580110 2 credits	<u>Computer Science III</u> State # 3580350 1 credit
STISD Recommended Prerequisites		TEA Required Prerequisites *	
Algebra I * (Comp. Science) 1 POS course (AP Comp. Sc.)	Algebra I*	Algebra I* & Computer Science I* OR AP Computer Science Principles* None	Computer Science II* or AP Computer Science A*
Possible Certifications: Information Technology Specialist - Java / Certified Entry-Level Python Programmer			

CTE Consortium Guide

Career Cluster: Hospitality & Tourism

Culinary Arts			
9th Grade	10th Grade	11th Grade	12th Grade
<u>Introduction to Culinary Arts</u> State# 13022550 1 credit	<u>Foundations of Restaurant Management</u> State# N1302268 1 credit	<u>Culinary Arts</u> State # 13022600 2 credits	<u>Practicum in Culinary Arts</u> State # 13022700 2 credits
STISD Recommended Prerequisites		TEA Required Prerequisites *	
None	1 POS course	Introduction to Culinary Arts	Culinary Arts*
<i>Possible Certifications: ServSafe Manager</i>			

Career Cluster: Health Sciences

Biomedical Science			
9th Grade	10th Grade	11th Grade	12th Grade
<u>Principles of Biosciences</u> State # 13036300 1 credit	<u>Biotechnology I</u> State # 13036400 1 credit and <u>Medical Microbiology</u> State# 13020700 - 1 credit	<u>Biotechnology II</u> State # 13036450 1 credit and <u>Pathophysiology</u> State#13020800 1 credit	<u>Health Science Theory/Clinical</u> State # 13020410 2 credits
STISD Recommended Prerequisites		TEA Required Prerequisites *	
None	Biology* Biology* & Chemistry* ;One	Biotechnology I* and Chemistry *	Biology*and 1 POS course*
<i>Possible Certifications: Medical Laboratory Assistant & Phlebotomy Tech</i>			

Career Cluster: Health Science

Exercise Science & Wellness			
9th Grade	10th Grade	11th Grade	12th Grade
<u>Principles of Exercise Science & Wellness</u> State# N1302107 1 credit and <u>Kinesiology I</u> State# N1302104 1 credit	<u>Anatomy & Physiology</u> State # 13020600 1 credit	<u>Kinesiology II</u> State # N1302124 1 credit	<u>Practicum in Entrepreneurship</u> State # 13011111 2 credits
STISD Recommended Prerequisites		TEA Required Prerequisites *	
None	Biology* and 1 credit in Physics, IPC, or Chemistry*	Kinesiology I	2 POS courses
<i>Possible Certifications: Certified Personal Trainer (CPT)</i>			

Career Cluster: Health Sciences

Health Informatics			
9th Grade	10th Grade	11th Grade	12th Grade
Principles of Health Science State# 13020200 1 credit and Medical Terminology State# 13020300 1 credit	Medical Intervention Evaluation & Research State # N1302125 1 credit	Health Informatics State # 13020960 1 credit	Medical Billing & Coding State # 13020964 1 credit
STISD Recommended Prerequisites		TEA Required Prerequisites *	
None	None	Medical Terminology*	2 POS courses & Medical Terminology*
<i>Possible Certifications: Medical Billing & Coding</i>			

Career Cluster: Health Sciences

Healthcare Diagnostics & Therapeutic Services			
9th Grade	10th Grade	11th Grade	12th Grade
Principles of Health Science State# 13020200 1 credit and/or Medical Terminology State# 13020300 1 credit	Anatomy & Physiology State # 13020600 1 credit and Pathophysiology State#13020800 1 credit	Health Science Theory / Clinical State # 13020410 2 credits	Practicum of Health Science State # 13020500 2 credits
STISD Recommended Prerequisites		TEA Required Prerequisites *	
None	Biology* and 1 credit in Physics, IPC, or Chemistry* Biology* and Chemistry* and 1 POS level 2 or higher*	Biology* and 1 POS course*	2 POS courses; Health Science Theory* & Biology*
<i>Possible Certifications: Patient Care Tech, Certified Clinical Medical Assistant, EKG</i>			

Career Cluster: Health Sciences

Nursing Science			
9th Grade	10th Grade	11th Grade	12th Grade
Principles of Nursing Science State# N1302109 1 credit and Medical Terminology State# 13020300 1 credit	Anatomy & Physiology State # 13020600 1 credit and Pathophysiology State#13020800 1 credit	Leadership & Management in Nursing State # 13021225 1 credit Pharmacology State#13020950 1 credit	Practicum in Nursing - CNA State # 13021230 2 credits
STISD Recommended Prerequisites		TEA Required Prerequisites *	
None	Biology* and 1 credit in Physics, IPC, or Chemistry* Biology* and Chemistry* and 1 POS level 2 or higher*	Biology*; Chemistry* & 1 POS course* Biology* and Chemistry* and 1 POS level 2 or higher*	Biology* and Chemistry* One level 2 or higher POS course*
<i>Possible Certifications: Certified Nurse Assistant (CNA)</i>			

CTE Consortium Guide

Career Cluster: Arts, Audio/Video Technology and Communication

Digital Communications			
9th Grade	10th Grade	11th Grade	12th Grade
<u>Principles of Arts, A/V Technology, and Communications</u> State# 13008200 1 credit Or <u>Professional Communications</u> State# 13009900 – 0.5 credit AND <u>Web Communications</u> State # 03580810 - 0.5 credit	<u>Audio/Video Production I</u> State # 13008500 1 credit	<u>Audio/Video Production II Lab</u> State # 13008610 2 credits	<u>Practicum in Audio / Video Production</u> State # 13008700 2 credits
STISD Recommended Prerequisites		TEA Required Prerequisites *	
1 POS course	1 POS course	Audio / Video Production I *	Audio / Video Production II*
<i>Possible Certifications: Adobe Certified Professional in Digital Video using Adobe Premiere Pro</i>			

Career Cluster: Business, Marketing, and Finance

Business Management			
9th Grade	10th Grade	11th Grade	12th Grade
<u>Principles of Business, Marketing, and Finance</u> State# 13011200 1 credit Or <u>Foundations of Business Communications & Technologies</u> State# 13011400 – 1 credit	<u>Business Communications & Technologies</u> State # 13011500 1 credit	<u>Business Management</u> State # 13012100 1 credit	<u>Practicum in Business Management</u> State # 13012200 2 credits
STISD Recommended Prerequisites		TEA Required Prerequisites *	
None	Foundations of Business Communications & Technologies*	2 POS courses	Minimum 2 POS courses
<i>Possible Certifications: Entrepreneurship & Small Business (ESB), Microsoft Office Specialist Excel and/or Word Expert</i>			

Career Cluster:Business, Marketing, and Finance

Marketing and Sales			
9th Grade	10th Grade	11th Grade	12th Grade
<u>Principles of Business, Marketing, and Finance</u> State# 13011200 1 credit Or <u>Marketing</u> State# N1303424 – 1 credit	<u>Sports & Entertainment Marketing</u> State # 13034600 0.5 credit AND <u>Virtual Business</u> State # 13012000 0.5 credit	<u>Social Media Marketing</u> State # 13034650 0.5 credits AND <u>Sports & Entertainment Marketing II</u> State # N1303422 0.5 credit	<u>Practicum in Marketing</u> State # 13034800 2 credits
STISD Recommended Prerequisites		TEA Required Prerequisites *	
None	None	Sports and Entertainment Marketing	Minimum 2 POS courses
<i>Possible Certifications: Entrepreneurship & Small Business (ESB), Microsoft Office Specialist Excel and/or Word Expert</i>			

Career Cluster:Business, Marketing, and Finance

Law Enforcement			
9th Grade	10th Grade	11th Grade	12th Grade
<u>Principles of Law, Public Service, Corrections, & Security</u> State# 13029200 1 credit	<u>Law Enforcement I</u> State # 13029300 1 credit AND <u>Forensic Psychology</u> State # N1303012 1 credit	<u>Law Enforcement II</u> State # 13029400 1 credit AND <u>Forensic Science</u> State # 13029500 1 credit	<u>Practicum in Marketing</u> State # 13034800 2 credits
STISD Recommended Prerequisites		TEA Required Prerequisites *	
None	Principles of Law, Public Service, Corrections, & Security Law Enforcement I or concurrent enrollment	Law Enforcement I Biology* and 1 credit in either Chemistry, IPC, or Physics*	Minimum 2 POS courses
<i>Possible Certifications: IAED Emergency Telecommunications</i>			

CTE Consortium Application Process

1. Home high school representatives contact the STISD CTE Department for campus tours of CTE Consortium Programs for students and staff or presentations for students at their home high school. School districts, parents, and students are always welcome to visit STISD. Call 956-514-4237 to schedule a visit.
2. Students who are interested in these programs are required to tour the campus of their interest and complete an application. Students and parents can arrange this visit by home high school or individually.
3. Students return completed application to the home high school representative.
4. The home high school representative makes copies of the school records that are listed on the last page of the application to complete the application packets. Incomplete applications will not be accepted.
5. Contact the STISD CTE Department office to arrange application submission.
6. STISD CTE Department staff reviews applications. After the review, the home high school is contacted with the status.
7. The STISD CTE Department contacts home high schools to set up onboarding meeting.

South Texas ISD CTE Consortium Student Application

Date: _____

Enrollment Year (ex: 2025-2026) _____

Check your desired program of study:

HEALTH PROFESSIONS – Mercedes, TX		SCIENCE ACADEMY – Mercedes, TX	
<input type="checkbox"/> Biomedical Science	<input type="checkbox"/> Exercise Science & Wellness	<input type="checkbox"/> Manufacturing Technology	<input type="checkbox"/> Automotive
<input type="checkbox"/> Health Informatics	<input type="checkbox"/> Nursing Science	<input type="checkbox"/> Aviation Pilot	<input type="checkbox"/> Programming and Software Development
<input type="checkbox"/> Healthcare Diagnostics & Therapeutics			
MEDICAL PROFESSIONS – Olmito, TX		WORLD SCHOLARS – Edinburg, TX	
<input type="checkbox"/> Biomedical Science	<input type="checkbox"/> Exercise Science & Wellness	<input type="checkbox"/> Digital Communications	<input type="checkbox"/> Business Management
<input type="checkbox"/> Health Informatics	<input type="checkbox"/> Nursing Science	<input type="checkbox"/> Marketing and Sales	<input type="checkbox"/> Law Enforcement
<input type="checkbox"/> Healthcare Diagnostics & Therapeutics	<input type="checkbox"/> Culinary Arts		

Student Information

Student's Name:	Social Security #:	Date of Birth: ____ / ____ / ____
Complete Mailing Address	Physical Address: (if different from mailing address)	
Home Phone #:	Mobile Phone #:	
Email Address:		

Parent/Guardian Information

Parent/Guardian Name	Work Phone #	Mobile Phone#
Parent Email Address:		
Emergency Contact Name	Phone Number	Relation to Student

School Information

Current School:	Current School District:	Current Grade Level:
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Student Profile and Rules

Any student who is applying to participate in the STISD CTE Consortium must meet the following student profile requirements for his/her application to be considered for placement in any of the CTE Consortium Programs:

Cualquier estudiante que esté solicitando participar en el Programa de CTE Consorcio de STISD debe cumplir con los siguientes requisitos de perfil de estudiante para que su solicitud sea considerada para la colocación en cualquiera de los programas:

1) Good Grades/ Buenas Calificaciones

Student must have passed all classes at his/her home district school during the prior school year that they are applying for. *El estudiante debe haber aprobado todas las clases en la escuela de su distrito de origen durante el año escolar anterior para el que está solicitando.*

2) Good Attendance/ Buena Asistencia

Student must have no more than 15 absences during the prior school year to be considered for the current school year they are applying for. *El estudiante no debe tener más de 15 ausencias durante el año escolar anterior, para ser considerado para el año escolar actual que está solicitando.*

3) Good behavior/ Buen Comportamiento

Student must have maintained good behavior and must have not participated in an alternative disciplinary placement during the prior school year of them chosen to apply for. *El estudiante debe haber mantenido un buen comportamiento y no debe haber participado en una colocación disciplinaria alternativa durante el año escolar anterior de su elección para solicitar.*

If student is accepted into the South Texas ISDCTE Consortium Program the student will abide by the following program rules along with South Texas ISD and the student's home school districts Student Code of Conduct:

Si el estudiante es aceptado en los programas de CTE Consorcio del South Texas ISD, el estudiante obedecerá las siguientes reglas del programa junto con el South Texas ISD y los distritos escolares de origen del estudiante Código de conducta del estudiante:

1. Good Grades/ Buenas Calificaciones

Student must be passing all classes at his/her home district high school and at STISD. *El estudiante debe aprobar todas las clases en la escuela secundaria de su distrito local y en STISD.*

2. Good Attendance/ Buena Asistencia

Student must maintain good attendance per STISD Attendance Policy at their STISD campus and home campus. *El estudiante debe mantener una buena asistencia de acuerdo con la Política de asistencia de STISD en su campus de STISD y en el campus de origen.*

3. Good behavior/ Buen Comportamiento

Student must maintain good behavior at STISD and their home district high school campus. *El estudiante debe mantener un buen comportamiento en STISD y en el campus de la escuela secundaria de su distrito local.*

By signing this form, I acknowledge that my child and I understand, and he/she will abide by the program rules of the STISD CTE Consortium Program. *Al firmar este formulario, reconozco que mi hijo y yo comprendemos y cumpliremos con las reglas del programa de CTE Consorcio de STISD.*

Parent/Guardian Signature

Firma del Padre o tutor

Date

Fecha

Student Signature

Date

Administrator Acknowledgement

By signing this form, I, _____, administrator at, _____ High School, am aware of the requirements of the South Texas ISD CTE Consortium Program and its Program Rules and acknowledge that the student meets the requirements to participate in the South Texas ISD CTE Consortium Program.

Print Name – Campus Administrator

Date

Signature – Administrator

Date

Campus Administrator Email

Administrator Phone number

School Information

To be completed by the student's home school counselor.

Student's Name: _____ Social Security # _____ Check all that apply to the student

_____ Migrant If checked, enter the last date migrated: _____ _____ Free or reduced lunch

_____ ESL/LEP/Bilingual _____ Special Education _____ 504 _____ RTI/MTSS

Please submit a copy of the following documents with the application:

- Copy of student's social security card
- Copy of student's birth certificate
- Most current immunization records
- Most recent attendance records
- Most recent report card
- Most recent transcript
- Most recent STAAR Confidential Student Report
- Most current ARD and FIE (if applicable)
- Psychological information/Behavior Intervention Plan (if applicable).
- Medical information (if applicable)

Name of person submitting information

Phone #

Signature of person submitting information

Date

Please call our office to request for STISD CTE personnel to pick up completed applications at:
STISD CTE Department Phone: (956) 514-4282

Thank you for applying. You will be contacted soon.

South Texas ISD does not discriminate on the basis of race, color, national origin, gender, religion, age, disability or genetic information in employment or provision of services, programs or activities.

South Texas ISD no discrimina de acuerdo a raza, color, origen nacional, genero, religión, edad, información genética o incapacidad en el empleo o la disposición de servicios, programas o actividades.