CAREER & TECHNICAL ED

Program Spotlight

Weslaco East High School

810 S Pleasantview Dr
Weslaco, TX 78596

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CTE Students
In Action

Business & Industry Endorsements

(Click on each program of study OR click Next)

NEXT

Public Services Endorsements

(Click on each program of study OR click Next)

NEXT

Science, Technology, Engineering & Mathematics (STEM) Endorsement

(Click on each program of study OR click Next)

NEXT

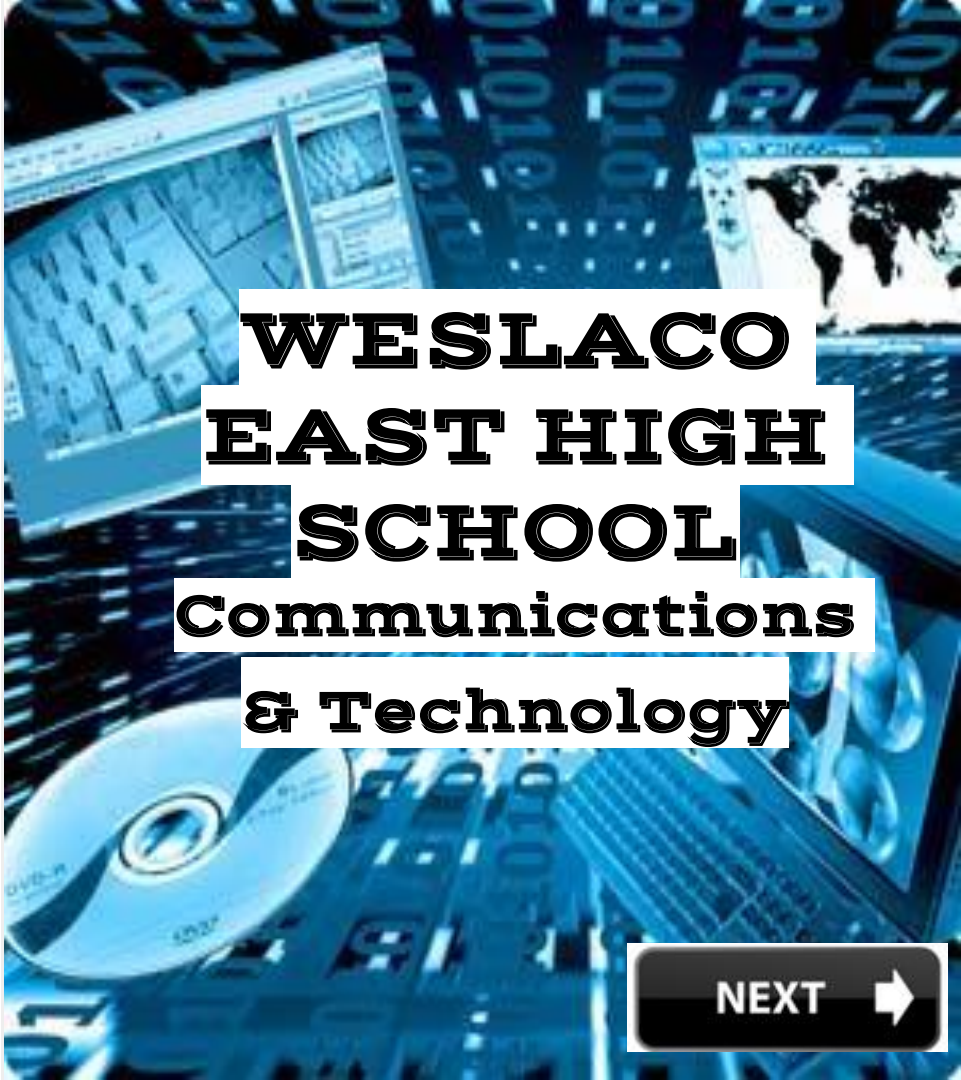
Career Pathways Key

9th → 10th → 11th → 12th

NEXT

Business & Industry Endorsement

BACK



NEXT

Video Production

- Students will develop an understanding of producing a variety of video projects with an emphasis on pre-production, production and post production.
- Adobe Premiere Pro CC Certification
- CTSO, SkillsUSA

NEXT

Video Production

Video Production-Gabriel Cruz-Instructor

Principles of Arts, Audio/Video Technology & Communications (1)

Audio/Video Production I (1) AND Audio/Video Production I LAB (1)

Audio/Video Production II (1)AND Audio/Video Production II LAB (1)

Practicum in Audio/Video Production (2) or Career Preparation (2)

SkillsUSA®

NEXT

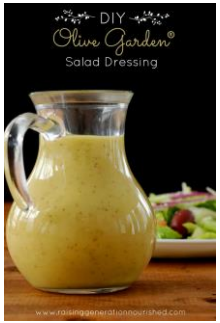
NEW** Commercial Photography

- Students will have the opportunity to learn basic and advanced digital photography skills, i.e. learning effective shooting techniques; working with various photography equipment while working independently, teaming with other students, learning darkroom techniques, and learning/shooting digital cameras while utilizing Adobe Photoshop.

- CTSO, SkillsUSA

NEXT

NEW** Commercial Photography



Commercial Photography-Andres Rodriguez-Instructor

Principles of Arts, Audio/Video Production & Communications (1)

Commercial Photography I (1) AND Commercial Photography I LAB (1)

Commercial Photography II (1) AND Commercial Photography II LAB (1)

BACK

NEXT

Business & Industry Endorsement

Business, Management & Administration

BACK

NEXT

Business Education

(Computer Applications/Multimedia Specialist)

- Students recognize, evaluate, and prepare for a rapidly evolving global business environment that requires flexibility and adaptability. Students learn the latest Office and Adobe software used in the business field.
- BIM II and DIM Courses offered as Dual Enrollment through STC

Microsoft Office Specialist Certification

Word
PowerPoint
Excel
Access

Adobe Certification

InDesign
Photoshop

NEXT

Business Education

Multimedia Specialist

Principles of Business, Marketing & Finance (1) → Business Information Management I (1) → Business Information Management II (1) MM → Digital Media (1) MM Career Preparation (2)

Computer Applications

Principles of Business, Marketing & Finance (1) → Business Information Management I (1) → Business Information Management II (1) CA → Digital Media (1) CA Career Preparation (2)

Computer Application Specialist Certificate from STC after completing BIM II CA and DIM CA

Multimedia Specialist Certificate from STC after completing BIM II MM and DIM MM

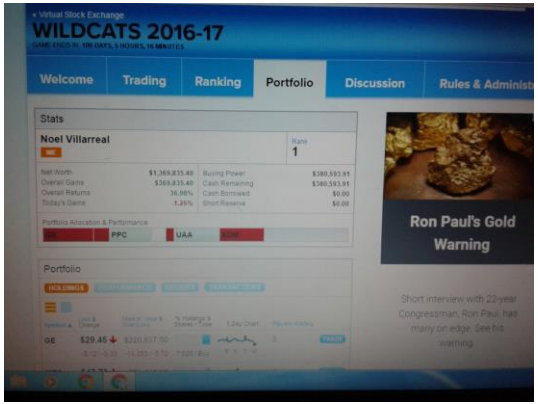
NEXT

Business Education

(Business)

- Practicum in Business Management
- Students receive on the job training in addition to dual enrollment credit through STC
- Business Professionals of America and National Technical Honor Society are the CTSOs that pertain to this course

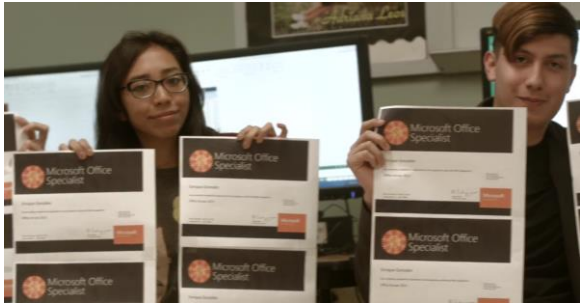
BUSINESS professionals OF AMERICA



NEXT

Business Education

Business



Business Education-Sylvia Cardenas, Enrique Gonzalez, William Kromer, Gumecindo Laurel, Maggie Oliva, and Noel Villarreal-Instructors

Principles of Business, Marketing & Finance (1)

Business Information Management I (1)

Entrepreneurship (1)

Practicum in Business Management (2)

Career Preparation (2)

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NEXT

Business & Industry Endorsement

DECA™

BACK

NEXT

Marketing

- Focuses on planning, management and performing marketing activities to reach organizational objectives.
- All Marketing Courses offered as STC Dual Enrollment (BMGT 1301, BUSI 1301, BMGT 1305, BMGT 1391)
- CTSO - DECA

NEXT

Marketing

Marketing-Sylvia Cardenas, Enrique Gonzalez, William Kromer, Gumecindo Laurel, Maggie Oliva, and Noel Villarreal-Instructors

Business Information Management I (1) or Principles of Business, Marketing

Business Information Management I or Principles of Business, Marketing & Finance (1)

Social Media Marketing (.5) / Sports & Entertainment Marketing (.5) OR Entrepreneurship (1) OR Fashion Marketing (.5) /Advertising (.5)

Advanced Marketing (1) or Practicum in Marketing (2)

Career Preparation (2)

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NEXT

Business & Industry Endorsement

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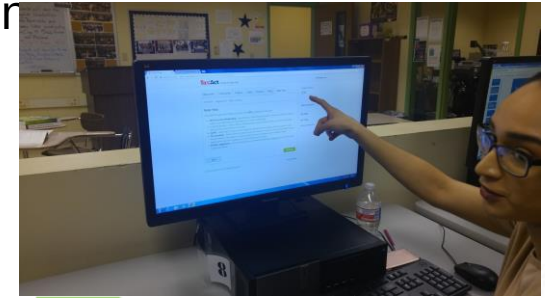
NEXT

Finance

- Accounting is a study of analyzing, classifying and recording business transactions. Students will learn the language of business.
- Accounting 1 and Accounting 2 offered as dual enrollment through STC.

Accounting I
Quickbooks Certification

Accounting II
H&R Block Tax Software Certification



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Finance

Finance-Sylvia Cardenas, Enrique Gonzalez, William Kromer, Gumecindo Laurel, Maggie Oliva, and Noel Villarreal-Instructors

Principles of Business, Marketing & Finance (1) → Business Information Management I (1) → Accounting I (1) → Accounting II (1) Career Preparation (2)

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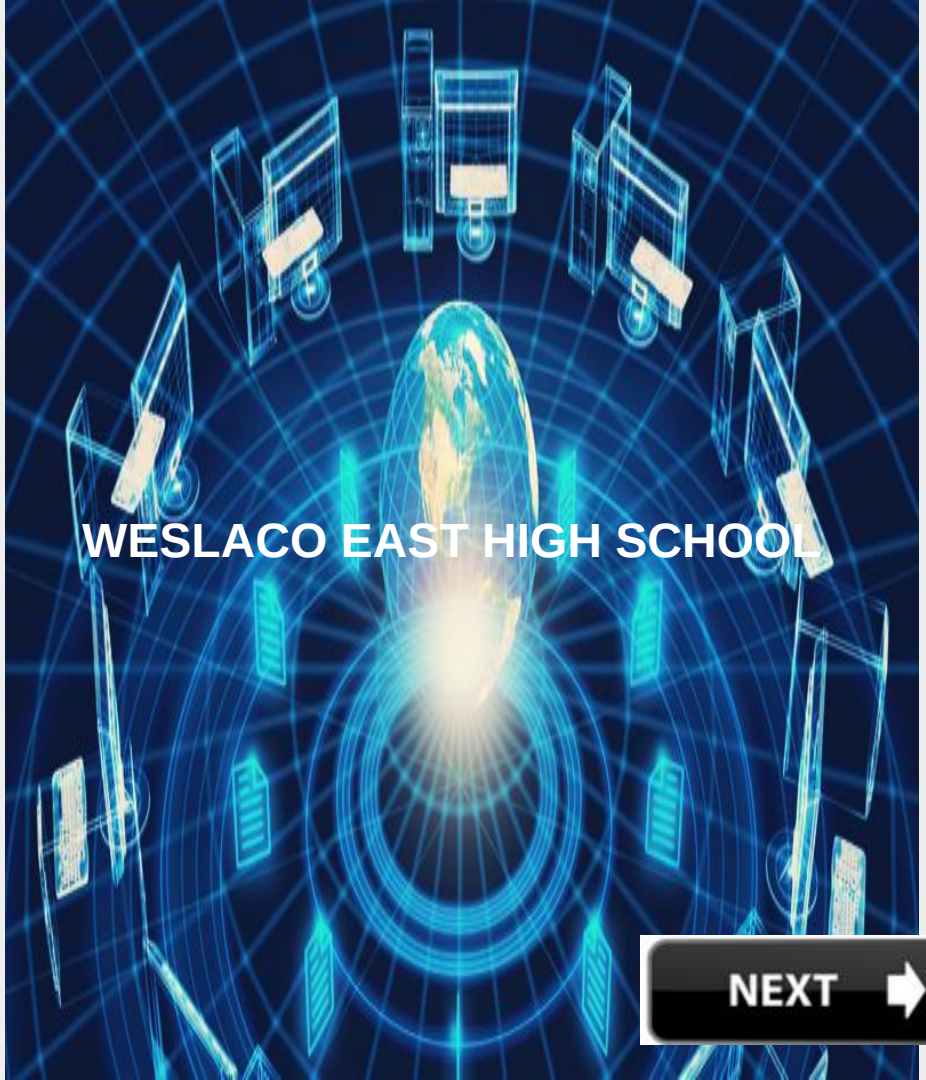
Business & Industry Endorsement

Information Technology



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NEXT

Computer System Technology

- Students gain knowledge and skills in the area of computer technologies, including advanced knowledge of computer principles, and components related to the installation, diagnosis, service, and repair of computer-based technology systems.
- STC Certificate, C-Tech Copper / Fiber Certificate, CompTIA A+ and Net + Certification, Testout certificates, OSHA 10 hr. Certificate.
- SkillsUSA, Cyberpatriot

NEXT

Computer System Technology

Computer System Technology-Mario Palacios, Raul Ysquierdo-Instructors

Principles of Information Technology (1)

Computer Maintenance (1)

Networking (1) AND Networking LAB(1)

Computer Technician Practicum (2) or Career Preparation (2)

NEXT

New Digital Arts and Game Design

Students learn the necessary skills needed to become the next generation of graphic designers, web/game developers, and animators. Students also learn the latest software used in the field of digital design and web/game development.

Certificates earned throughout 9-12th grade:

9th - IC3 Digital Literacy Certification

10th- Adobe Photoshop, InDesign, and Dreamweaver

11th -Adobe Illustrator and Animate

12th- Unity 3D Gaming

NEXT

Digital Arts & Game Design

Digital Arts & Game Design-Max Mata-Instructor

Principles of Information Technology (1) → Web Technologies (1) → Animation I (1) → Video Game Design (1) or Career Preparation (2)

Students are always encouraged to participate and compete in all organizations and events involving digital design and gaming skills.

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NEXT

Business & Industry Endorsement

Agriculture, Food & Natural Resources

BACK

NEXT

Agricultural Food & Natural Resources

The Agriculture Program at Weslaco ISD Prepares students in the field of Animal and Plant Science. Students attain Academic Skills and Knowledge related to the animal and plant systems, develop knowledge and regarding career opportunities.

Students have the Opportunities to earn the following certifications:

Tractor Safety

NCCER Core

Agriculture Mechanics

NEXT

Agricultural Food & Natural Resources

Livestock

Agricultural Food & Natural Resources-Rolando Gonzalez, and Elyssa Benavides

Principles of Agriculture, Food & Natural Resources (1) → Livestock Production (1) or Equine Science (.5)/Small Animal Management (.5) → Advanced Animal Science (1) or Livestock Production (1) → Advanced Animal Science (1) or Practicum in Agriculture, Food, & Natural Resources or Career Preparation (2)

Plant Science

Principles of Agriculture, Food & Natural Resources (1) → Floral Design (1) → Turf Grass Management (.5)/Landscape Design & Management (.5) OR Horticulture Science (1) → Horticulture Science (1) or Practicum in Agriculture, Food, & Natural Resources (2) OR Career Preparation (2)

NEXT

Agricultural Food & Natural Resources

Agricultural Mechanics

Principles of Agriculture, Food & Natural Resources (1)

Agricultural Mechanics & Metal Technologies (1)

Agricultural Structures Design & Fabrication (1)

Agricultural Equipment Design & Fabrication (1) or Practicum in Agriculture, Food & Natural Resources (2) or Career Preparation (2)

Wildlife

Principles of Agriculture, Food & Natural Resources (1)

Wildlife, Fisheries and Ecology Management (1)

Food Processing (1) or Range Ecology and Management (1)

Range Ecology Management (1) or Career Preparation (2)

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Business & Industry Endorsement

Architecture & Construction

BACK

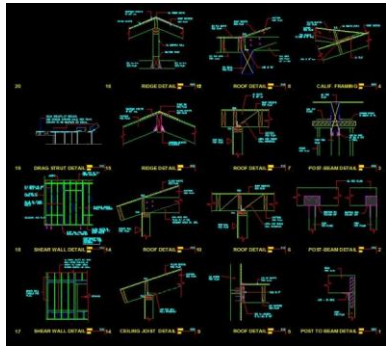
NEXT

Architecture

- Students will gain the knowledge and skills in design, terminology, history with an emphasis on computer-aided and manual drafting techniques. Students will draw and design a complete set of residential plans from the site plan, floor plan, door & window schedules, exterior & interior elevations, electrical plan and foundation plan. Students will also learn model-making techniques.
- STC dual-enrollment credit, AutoCAD certification, ADDA certification
- SkillsUSA

NEXT

Architecture



Architecture-Oscar Garcia-Instructor

Architectural Design I (1)

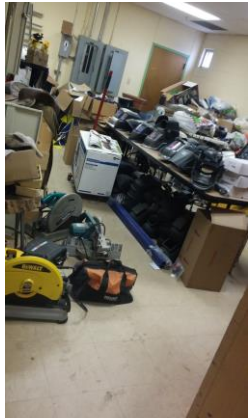
Architectural Design II (2)

Practicum in Architectural Design (2) or Career Preparation (2)

NEXT

Construction

- Construction Technology program gives students an opportunity to build a strong foundation of skills by working on real world projects in a hands-on learning environment. Students gain valuable professional experience and skills by actually constructing various projects - right at school! Students learn about Blueprint reading, power tool use, and other areas. Learn general safety practices, OSHA regulations, and knowledge of local and state building codes. Math skills, including geometry, are essential to success in the program. Construction remains on of the largest industries in the world, and skilled Carpenters and Construction Technology.
- Certification opportunities include: OSHA 10 hr. Certificate-Occupational Safety & Health Administration Certification, NCCER - National Center for Construction Education Research Carpentry Certificate.
- Dual Enrollment through STC for: Construction Technology I and Construction Technology II.
- ATC-Advanced Technical Credit opportunities in: Construction Technology I and Construction Technology II



NEXT

Construction

Contruction-John Whittier-Instructor

Principles of Construction (1)

Construction Technology I (2)

Construction Technology II (2) or Career Preparation (2)

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Business & Industry Endorsement

Manufacturing

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NEXT

Welding Technology

MAKE “SPARKS” FLY IN YOUR FUTURE

- Welding Technology program prepares students for entry-level high paying positions in the construction and manufacturing industries. Students are trained in layout, blueprint reading, and fabricating parts according to specifications.
- The Welding Technology courses provide students with opportunities to earn Industry Certifications through American Welding Society (AWS):

D1.1 Micro Edge Fillets-Bend Test

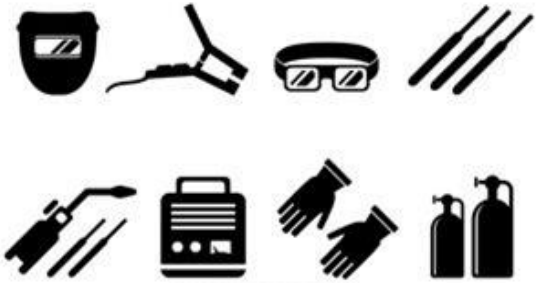
Arc Welding Certification

Mig Welding Certification

Oxyfuel Welding

NEXT

Welding Technology

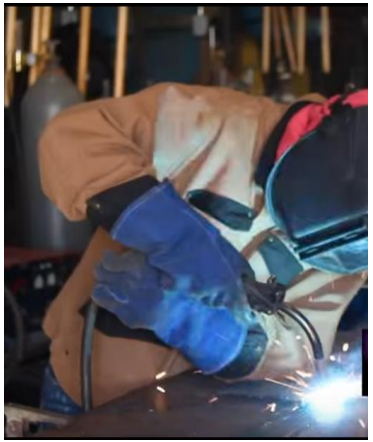


Welding Technology-Brandon Hernandez-Instructor

Introduction to Welding (1)

Welding I (2)

Welding II (2) or Career Preparation (2)



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Business & Industry Endorsement

Transportation, Distribution & Logistics

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Automotive Technology

- The Automotive Technology Program provides entry level skills through NATEF MLR curriculum / studies and up to 16 hours college credit through STC dual enrollment courses in: Electrical / Electronic systems, Brake systems, Engine Repair, and Steering / Suspension Systems. Dual enrollment courses offer students above entry-level skills in the Automotive Industry.
- Benefits and certifications: College credit hours, ATC Escrow, Student ASE certification in four areas of study, OSHA 10 hour, AC Delco Training Certificates, SP2 Automotive Certificates: Mechanical Safety,
  SP2 Pollution Prevention
- CTSO: SkillsUSA Automotive Tech Club

SOUTH TEXAS COLLEGE

ASE Student Certification

Developed by ASE in partnership with

NATEF

SkillsUSA

NEXT

Automotive Technology

Automotive Technology-Carlos Perez and Jorge Rivas-Instructor

Energy and Power of Transportation Systems (1)

Automotive Technology I: Maintenance and Light Repair (2)

Automotive Technology II: Automotive Service (2) or Career Preparation (2)

NEXT

Collision Repair

- Students in the Auto Collision Program go through a 2 year intensive training in collision repair. The students will work on live projects where they will have the opportunity to repair small dents, large dents, and complete overall paint jobs.
- Students will also be able to get dual credit through TSTC upon completion of the program and I-CAR certification.
- Students will also have the opportunity to join SkillsUSA student organization where students can compete with other students across the valley and the state of Texas.

SkillsUSA

I-CAR

Texas State Technical College Harlingen

NEXT

Collision Repair

Collision Repair-Manuel Carmona-Instructor

Energy and Power of Transportation Systems (1)

Collision Repair (2)

Paint & Refinishing (2) or Career Preparation (2)

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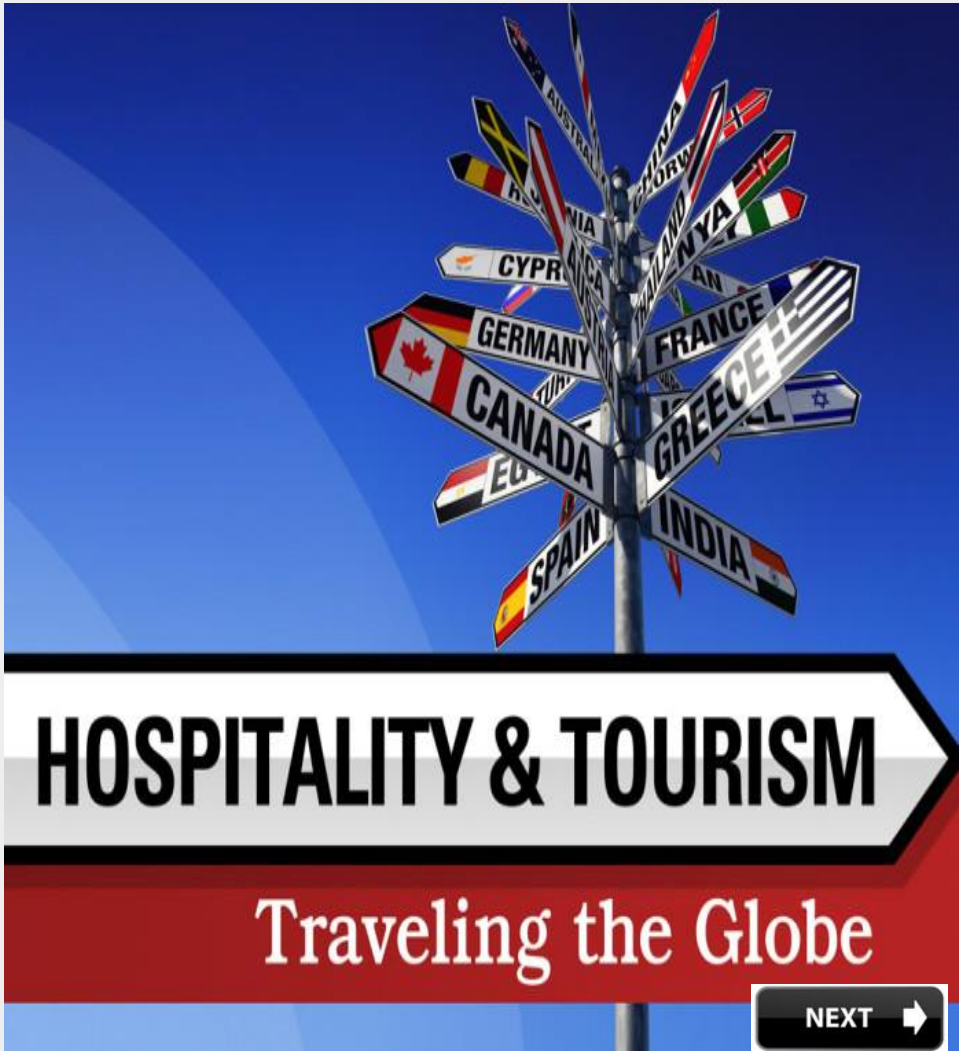
Business & Industry Endorsement



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NEXT

Culinary Arts...the art of cooking and the science of baking

National Certifications

National Restaurant Food Handlers
ServSafe Food Protection Managers Certificate

Creating Skills for Life

NEXT

Culinary Arts

Culinary Arts-Melba Tijerina-Instructor

Introduction to Culinary Arts (1) → Culinary Arts (2) → Advanced Culinary Arts (2) or Practicum in Culinary Arts (2)

SkillsUSA

TSTC Texas State Technical College

Dual College Credit and DAP Measures

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NEXT

Public Services Endorsement

Human Services

Education & Training

BACK

NEXT

Family & Consumer Sciences

(Education & Training/Human Services)

Family and Consumer Sciences Education program prepares students for personal and family life across the lifespan as they manage the challenges of living and working in a diverse, global society. The program focus is on families, work, and their interrelationships.

- Food Handler's Certification, Substitute Teacher Certificate, Teacher's Aide Certificate, CPR and First Aid Certificate
- Family, Career and Community Leaders of America- CTE Student Organization

NEXT

Family & Consumer Sciences

Education & Training

Family & Consumer Sciences-Guadalupe Gonzalez and Yolanda Sanchez

Human Services

NEXT

Cosmetology

- Our program emphasizes creativity and teamwork, while promoting the basic skills young professionals will need to be successful in a Salon or Day Spa work environment. Students will also get the training on the Business aspect of the Cosmetology industry, which comes in handy for those who wish to become Entrepreneurs.
- Students will take a theory and practical exam upon completion of 1000 contact hours, and will earn their **TEXAS COSMETOLOGY OPERATOR LICENSE** after a passing score of 70%

Human Services

NEXT

Cosmetology

Cosmetology-Sandra De La Garza and Alyssa Duran-Instructors

Introduction to Cosmetology (1)

Cosmetology I (2)

Principles of Cosmetology Design & Color Theory (1) AND Cosmetology II (2)

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NEXT

Public Services Endorsement

911 Law, Public Safety, Corrections & Security

CRIMINAL JUSTICE ASSOCIATION

LEARNERS TO LEADERS

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NEXT

Criminal Law

- Criminal Justice, Law and Career program will provide students with a broad base of courses with a wide array of employment options in Criminal Justice. This is an opportunity for in-depth experience and study in specific areas of interest. Students can explore careers from Crime Scene Investigator (CSI), Forensic Psychologist, Law Enforcement Officer, Federal Bureau of Investigations to Lawyer. Students in the Criminal Justice program gain hands-on experience working with local and federal agencies. CJ students learn to integrate Science, math, English and other subjects with their class tasks. They will have a very strong understanding of how these subjects integrate with real life situations.
- STC Dual Enrollment, Security Level II, 911 Dispatch, Cyber law and White Collar Crimes, C.E.R.T., and Terrorism Awareness.
- Students also can join Skills U.S.A., and Texas Public Service Association.

NEXT

Criminal Law

Criminal Law-Ricardo Orozco, Ruben Riojas and Marco Siller-Instructors

Principles of Law, Public Safety, Corrections, and Security (1) and Law Enforcement (1)

Court Systems & Practices (1) and Criminal Investigations (1)

Law Enforcement II (1) and/or Forensic Science (1) and/or Federal Law Enforcement & Protective Services (1) or Career Preparation (2)

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NEXT

Public Services Endorsement

Weslaco East High School

Health Science

Small Learning Community

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NEXT

Health Science

- For students interested in any health-related careers from medicine, nursing, or allied health to veterinary medicine or forensic health.
- CNA, CPR/First Aid Certification, and Pharmacy Tech (Students that are interested in pharm tech next year will be required to do an externship. They will need to register with the State Board of Pharmacy and get fingerprinted by 2nd six weeks. Externships are at a hospital pharmacy and retail pharmacy.) CPR/Fir on

hosa future health professionals

NEXT

Health Science

Certified Nurse Aid

Health Science-Gladys Doyno, Jaime Garcia, Mike Givilancz, Claudia Martinez, Ramiro Ochoa, Maggie Ramirez and Laura Zavala

Principles of Health Science (1) → Health Science Theory (1) → Practicum in Health Science Clinical Rotations (2) or Medical Terminology (1)_ or Anatomy & Physiology (1) or Pathophysiology (1) or Microbiology (1) → Practicum in Health Science (Certified Nurse Aid) (2)

Principles of Health Science (1) → Health Science Theory (1) → Pharmacology (1) and/or Medical Terminology (1) and/or Mathematics for Medical Professionals (1) and/or Practicum in Health Science Clinical Rotations (2) → Practicum in Health Science Pharmacy Technician (2) and Anatomy & Physiology (1)

NEXT

Health Science

Medical Billing

Principles of Certified Nurse Aid

Heatlh Science (1)

Health Science Theory (1)

Practicum in Health Science Clinical Rotations (2) or Medical Terminology (1) or Health Informatics (1) or Anatomy & Physiology (1)

Practicum in Health Science Medical Billing & Coding (2)

Health Professional

Principles of Health Science (1)

Health Science Theory (1)

Anatomy & Physiology (1) or Forensic Science (1) or Practicum in Health Science Clinical Rotations (2)

Medical Terminology (1) or Medical Microbiology (1) or Pathophysiology (1) or Forensic Science (1)

Career Preparation (2)

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NEXT

Science, Technology, Engineering and Mathematics (STEM) Endorsement

WEHS
Health Science
SLC

Arts and Education

Weslaco East

Science, Technology, Engineering & Mathematics

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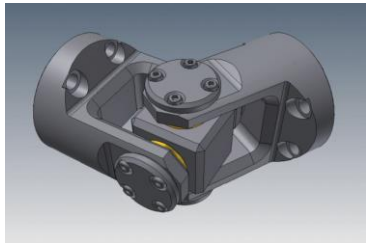
NEXT

Engineering & STEM

Engineering is the application of the sciences and math to design, prototype, and manufacture products or services for the betterment of humanity and our world.

- We offer the chance to be a SolidWorks Certified Associate in 3-D Solid Modeling, OSHA 10 hour Safety Certification, as well as Dual Enrollment credit with proper prerequisites.
- Students are given the chance to work on an Engineering Design project to be presented at our District Science Fair with the possibility of competing on at Regional, State, and even Internationally.



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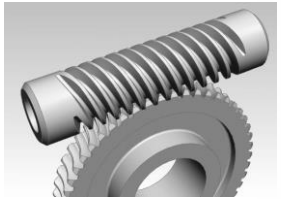
Engineering & STEM

Engineering



Engineering & STEM-Arnulfo Cruz, Maria Hibionada, Thomas Padilla and Ana Rodriguez,

STEM

BACK

NEXT

WESLACO I.S.D.

CTE CTE

Careers For Life

CAREER & TECHNICAL EDUCATION

TEA

Texas Education Agency

WILDCATS

2000

WESLACO EAST

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