



## NEW 2025-2026 CTE PROGRAMS

**Fort Bend ISD CTE is expanding! Starting next school year, students will have even more opportunities to explore high-demand careers with new Programs of Study designed to build real-world skills and prepare for the future. Stay tuned for details on these exciting additions and how students can get involved.**

# WHAT'S NEW?

## BIOMEDICAL

The Biomedical program introduces students to the fundamentals of human health, disease prevention, and medical research through lab experiences and applications. Students explore topics like genetics, microbiology, and medical innovations, preparing them for careers in healthcare, biotechnology, and medical research. *This program is offered at the James Reese Center and students must apply in 10th grade.*

- 9th** Principles of Health Science
- 10th** Medical Terminology
- 11th** Medical Interventions and AAC Anatomy and Physiology
- 12th** AAC Biomedical Innovations and Medical Assistant

## CYBERSECURITY

The Cybersecurity program equips students with the skills to protect digital systems, networks, and data from cyber threats through training in encryption, ethical hacking, and network security. Students gain industry-relevant knowledge and certifications, preparing them for careers in cybersecurity, IT support, and digital forensics.

- 9th** AAC Computer Science I
- 10th** AP Computer Science A
- 11th** Foundations of Cybersecurity
- 12th** Cybersecurity Capstone

## COSMETOLOGY AND PERSONAL CARE: BARBERING

The Barbering program provides students with hands-on training in haircutting, shaving, grooming, and styling techniques while emphasizing customer service and business management. Students gain industry knowledge and the opportunity to earn licensure, preparing them for careers in barbering, salon ownership, and the grooming industry. *This program is offered at the James Reese Center and students must apply in 9th grade.*

- 10th** Principles of Cosmetology Design and Color Theory
- 10th** Introduction to Cosmetology
- 11th** Barbering I
- 12th** Barbering II

## HEALTH AND WELLNESS

The Health and Wellness program focuses on promoting physical, mental, and emotional well-being through education in nutrition, fitness, and healthcare practices. Students gain experience in wellness coaching, public health, and health advocacy, preparing them to support individuals and communities in leading healthier lives. This program emphasizes the importance of mental health awareness and promotes holistic well-being.

- 9th** Principles of Human Services
- 10th** Lifetime Nutrition and Wellness (Fall) and Interpersonal Studies (Spring)
- 11th** Human Growth and Development
- 12th** AAC Counseling and Mental Health

# MIDDLE SCHOOL CTE

Did you know Career & Technical Education (CTE) courses start as early as middle school?

Middle school CTE courses give students the opportunity to explore their interests, build essential knowledge, and develop skills that can lead to certifications, internships, and future career opportunities.

## CAREER AND COLLEGE EXPLORATION

**Course Number:** CTE021

**Offered in:** 7-8

**Credits:** No High School Credit

**Prerequisites:** None

**Description:** This course is designed to help students explore and plan their college and career paths. Through assessments and interactive projects, students will identify industries that align with their interests and strengths. They will research high-demand careers, map out their high school and postsecondary plans, and explore all CTE career clusters to build a solid foundation for their future.

## TOUCH SYSTEM DATA ENTRY

**Course Number:** : CBU020

**Offered in:** 7-8 (Fall)

**Credits:** 0.5 (High School Credit)

**Prerequisites:** None

**Description:** This course helps students develop essential keyboarding skills and techniques while learning to create and format professional business documents. Students will improve their typing speed and accuracy while enhancing their reading, writing, and communication skills. Emphasis is placed on the importance of ergonomically correct typing practices to promote efficiency and comfort, ensuring that students are prepared to apply their abilities in any professional setting.

## DOLLARS AND SENSE

**Course Number:** : CHU020

**Offered in:** 7-8 (Spring)

**Credits:** 0.5 (High School Credit)

**Prerequisites:** None

**Description:** This course empowers students to take charge of their financial future by teaching them how to make smart money choices and manage personal and family resources. Students will learn about wise spending habits, how to handle money wisely, and the important skills needed to make smart financial decisions.

## PRINCIPLES OF HUMAN SERVICES

**Course Number:** : CHU010

**Offered in:** 8

**Credits:** 1.0 (High School Credit)

**Prerequisites:** None

**Description:** This course introduces students to the world of Human Services. From counseling and education to hospitality and social work students will explore various professions while building essential life skills. Topics include personal development, counseling and mental health, nutrition, child development, and career planning to help students prepare for high school and beyond. This course is the first step toward a rewarding future of helping others.

## FUNDAMENTALS OF COMPUTER SCIENCE

**Course Number:** : CST280

**Offered in:** 8

**Credits:** 1.0 (High School Credit)

**Prerequisites:** None

**Description:** This course will foster student creativity and innovation by presenting opportunities to design, implement, and present solutions to real-world problems. Students will collaborate and use computer science concepts to access, analyze, and evaluate information needed to solve problems. Students will work with HTML, Scratch, Python, or JavaScript programming languages.

Students interested in enrolling in CTE middle school courses should consult with their counselor during the course selection period. Counselors will provide guidance on available options and help students choose the best course to match their interests.

TO LEARN MORE ABOUT CTE IN FORT BEND ISD, PLEASE VISIT:  
[WWW.FORTBENDISD.COM/CTE](http://WWW.FORTBENDISD.COM/CTE)



# JAMES REESE CAREER AND TECHNICAL CENTER

## WHAT IF SCHOOL DIDN'T JUST PREPARE YOU FOR THE FUTURE, BUT ACTUALLY LAUNCHED YOU INTO IT?

At the James Reese Career & Technical Center, students don't just learn careers they live them. Feel **welding sparks fly** as you craft and construct, **create custom acrylic nail sets** in a professional salon, **produce your own podcast**, or explore **biomedical innovations** in cutting-edge labs. With industry-grade training, certifications, and real-world experiences, the state-of-the-art Reese Center prepares students for success in a plethora of growing **industries**.



### APPLY, GET ACCEPTED, MAKE IT HAPPEN

Reese admission isn't automatic. Students must apply and be accepted into their desired program, ensuring they're committed and ready to take advantage of this incredible opportunity.

### START EARLY, GET AHEAD

Many students can apply to begin their Reese journey as early as 10th grade, giving them a jumpstart on career skills and certifications.

### STAY CONNECTED TO YOUR HOME CAMPUS

Students attend Reese in either an AM or PM cohort. This ensures that half of their school day is spent at their home high school, allowing them to participate in sports, fine arts, clubs, and student organizations just like any other student.

### NO CAR, NO PROBLEM

Bus transportation is available during the school day providing convenient travel between the home campus and Reese, making it easy to access top-tier career programs without the hassle.

### SAME LUNCH, NEW LOCATION

Lunch at Reese is provided by Fort Bend ISD's Food and Nutrition Services, offering meal options similar to those available at home campuses.

### GETTING TO THE CORE

While taking career-focused courses, students also have the opportunity to complete core classes at the Reese Center.

### GAIN WHILE YOU TRAIN

Reese is home to student-operated enterprises open to the public where students gain immersive work experience and log valuable industry hours before they even graduate.

## HOW IT WORKS



**Career & Technical  
Education**



# WHAT DOES REESE OFFER ME?

James Reese Career & Technical Center offers programs of study and specialized career courses that are not available at students' home campuses. The Center offers a unique, learning experience with state-of-the-art equipment, specialized instructional spaces, and industry-trained teachers. Unlike traditional classrooms, Reese Center provides immersive training environments that prepare students for high-demand careers with skills that can't be replicated at a comprehensive high school.

## ANIMAL SCIENCE

- 9th** - Principles of Agriculture, Food, and
- 10th** Natural Resources *(Taken at home campus)*
- 10th** Small Animal Management (Fall) *(Taken at home campus)*
- 10th** Equine Science (Spring) *(Taken at home campus)*
- 11th** AAC Livestock and Poultry Production *(Taken at home campus)*
- 12th** AAC Advanced Animal Science *(Taken at home campus)*
- 12th** AAC Veterinary Science + Lab  
*(Students apply to Reese in 11th grade)*

## AUTOMOTIVE & COLLISION REPAIR

- 10th** Automotive Basics
- 10th** Small Engine Technology I
- 11th** AAC Automotive Technology I: Maintenance and Light Repair
- 12th** AAC Automotive Technology II: Automotive Service  
*(Students apply to Reese in 9th grade)*

## BIOMEDICAL SCIENCE

- 9th** Principles of Health Science *(Taken at home campus)*
- 10th** Medical Terminology *(Taken at home campus)*
- 11th** Medical Interventions and AAC Anatomy and Physiology
- 12th** AAC Biomedical Innovations and Medical Assistant  
*(Students apply to Reese in 10th grade)*

## COSMETOLOGY AND PERSONAL CARE SERVICES

- 10th** Principles of Cosmetology Design and Color Theory
- 10th** Introduction to Cosmetology
- 11th** AAC Cosmetology I or Barbering I
- 12th** AAC Cosmetology II or Barbering II  
*(Students apply to Reese in 9th grade)*

## CULINARY ARTS

- 10th** Culinary Arts
- 11th** AAC Advanced Culinary Arts
- 12th** Practicum in Culinary Arts  
*(Students apply to Reese in 9th grade)*

## DIGITAL COMMUNICATIONS

- 10th** Audio/Video Production I + Lab
- 11th** Audio/Video Production II + Lab
- 12th** Practicum in Audio/Video Production  
*(Students apply to Reese in 9th grade)*

## HVAC & SHEET METAL

- 11th** Principles of Construction
- 11th** HVAC I
- 12th** AAC HVAC II  
*(Students apply to Reese in 10th grade)*

## NETWORKING SYSTEMS

- 11th** Internetworking Technologies I
- 11th** Computer Maintenance + Lab
- 12th** AAC Networking Systems + Lab  
*(Students apply to Reese in 10th grade)*

## TEACHING & TRAINING

- 10th** Principles of Education and Training
- 10th** Child Development
- 11th** AAC Instructional Practices
- 12th** Practicum in Education and Training  
*(Students apply to Reese in 9th grade)*

## WELDING

- 11th** Introduction to Welding
- 11th** Welding I
- 12th** Welding II  
*(Students apply to Reese in 10th grade)*

## PRACTICUM COURSES: WHERE LEARNING GETS REAL

Practicum courses create a connection between classroom learning and the workforce. In these courses, students are required to spend time outside of regular school hours in a job related to their field of study. These classes receive the same GPA weight of an Advanced Placement (AP) course. Work-based learning opportunities are available in the following Programs of Study: **Digital Communications, Culinary Arts, and Teaching and Training.**

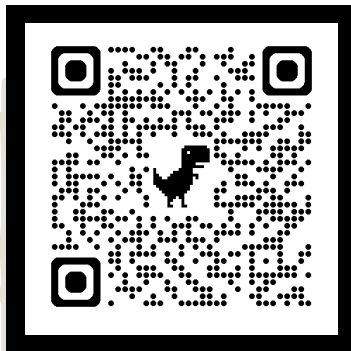
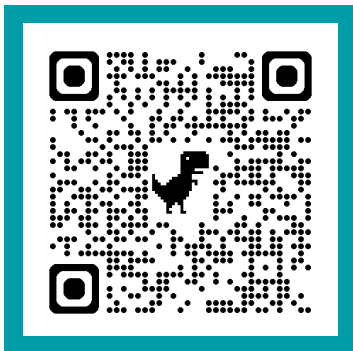




# ENTERPRISES AT Reese

## Future Pros in Action at the Reese Center

The student enterprises at the James Reese Center give Fort Bend ISD CTE students hands-on experience working in real businesses. From The Salon to The Grill and The Shop, these student-led enterprises offer quality services to the public while building career-ready skills. By supporting these businesses, our community helps shape the next generation of skilled professionals.



Scan the QR code to explore menus, services, appointments, enrollment, and more.



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