

FBISD Chart Your Course

Graduation and Career Planning

Fort Settlement Middle School
8th Grade Course Selection Information
High School Endorsements & Pathways
High School 4-Year Plans

FORT BEND
INDEPENDENT SCHOOL DISTRICT

2026



High School Course Selection

Endorsements

An endorsement is a set of courses that allows students to explore an area of interest and learn more about a particular subject or career area.

Students in the Fort Bend Independent School District select their endorsement in their 8th grade year during the career course selection process.

All 8th grade students must choose an Endorsement.

ENDORSEMENTS and Pathways

STEM

- Engineering
- Computer Science (Programming and Software Development)
- Math
- Science

Business and Industry

- Agriculture, Food, Natural Resources
- Architecture and Construction
- Arts, Audio/Video Technology, and Communications
- Business, Marketing, and Finance
- Hospitality and Tourism
- Information Technology
- Manufacturing
- Transportation, Distribution, and Logistics
- English — Journalism and Debate

Public Service

- Education and Training
- Health Science
- Human Services
- JROTC (Jr. Reserve Officers' Training Corps)
- Law and Public Service

Arts and Humanities

- Visual Art (drawing, painting, sculpture, ceramics, and digital art)
- Music (band, orchestra, choir)
- Theatre (theatre, technical theatre, and theatre production)
- Dance
- World Languages
- Social Studies

Multidisciplinary Studies

- 4x4
- AP/IB/Dual Credit
- Advanced Courses



Endorsements: STEM

(Science, Technology, Engineering, Math)

Who?:

Students considering a career in engineering or computer science, and those who enjoy and are energized by math, science, design, and problem solving.

Careers:

Robotics Technician
Computer Programmer
Medical Researcher
Engineer
Biochemist Microbiologist
Environmentalist



STEM Endorsement Pathways

STEM PATHWAYS

CTE ENGINEERING	ENGINEERING (ACADEMY)	PROGRAMMING AND SOFTWARE DEVELOPMENT	MATH	SCIENCE
Principles of Applied Engineering	Introduction to Engineering Design	Computer Science I	Five (5) or more credits in math that must include Algebra I, Geometry, and Algebra II	Five (5) or more credits in science that must include Biology, Chemistry, and Physics
Engineering Design and Presentation I	Engineering Science	AP Comp Sci A		
Engineering Science	Aerospace Engineering AND/OR Civil Engineering and Architecture	Computer Science III		
Engineering Design and Problem Solving	Engineering Design and Development	Independent Study in Technology Applications		

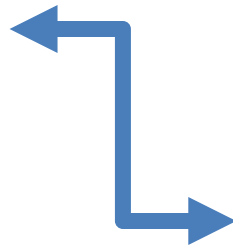
STEM

Business & Industry

Arts & Humanities

Public Services

Multi-Disciplinary



Sample Pathway

ENGINEERING

Students will take one Engineering course each year of high school. These courses will give credit for elective classes.

9th Grade – Principles of Applied Engineering

10th Grade – Engineering Design and Presentation I

11th Grade – Engineering Science

12th Grade – Engineering Design and Problem Solving

Students will take one Engineering course each year of high school. These courses will give credit for elective classes.

9th Grade – Principles of Applied Engineering

10th Grade – Engineering Design and Presentation I

11th Grade – Engineering Science

12th Grade – Engineering Design and Problem Solving



Endorsements: Business and Industry

Who?:

Students interested in agriculture, business, accounting, digital graphics, and architecture.

Careers:

Accountant
Aircraft Controller
Interior Designer
Electrician
Chef
Architect



Business and Industry Endorsement Pathways

SAMPLE BUSINESS AND INDUSTRY PATHWAYS

Business & Industry Business, Marketing and Finance Accounting and Financial Services	Business & Industry Business, Marketing and Finance Entrepreneurship (Academy)	Business & Industry Business, Marketing and Finance Marketing Pathway Course Sequence (Academy)	Business & Industry Marketing Hospitality and Tourism (Reese)	Business & Industry Information Technology (Reese)
Principles of Business, Marketing, and Finance Business Information Management I Accounting I Securities and Investments	Principles of Business, Marketing and Finance Business Info Management I Entrepreneurship I Entrepreneurship II Practicum in Entrepreneurship	Principles of Business, Marketing, & Finance Sports and Entertainment Marketing Social Media Marketing Advanced Marketing Practicum in Marketing	Culinary Arts Advanced Culinary Arts Practicum in Culinary Arts	Internetworking Technologies I Computer Maintenance + Lab Networking Systems + Lab



Business and Industry Endorsement Pathways

SAMPLE BUSINESS AND INDUSTRY PATHWAYS

Business & Industry Manufacturing Welding	Business & Industry Transportation, Distribution, and Logistics Automotive Pathway	Business & Industry English – Journalism	Business & Industry English – Debate
Introduction to Welding	Small Engine Tech (Reese)	Journalism or Photojournalism, Adv Journalism: Yearbook Production I, II, and III, IV	Debate I
Welding I (Reese)	Automotive Basics (Reese)	Journalism or Photojournalism, Newspaper I, II, and III, IV	Debate II
Welding II (Reese)	Automotive Technology I: Maintenance and Light Repair (Reese)	Journalism or Photojournalism Adv Journalism I, II , and III, IV	Debate III
	Automotive Tech II: Automotive Service (Reese)		Debate IV



Endorsements: Public Services

Who?:

Students who love helping others and are interested in law enforcement, fire fighting, education, the military, or government.

Careers:

Teacher

Social Worker

Fire Fighter

Physician

Nurse

Mental Health Counselor



Public Service Endorsement Pathways

SAMPLE PUBLIC SERVICE PATHWAYS

EDUCATION AND TRAINING (Reese Center)	DIAGNOSTIC AND THERAPEUTIC SERVICES (HEALTH SCIENCE)	HEALTH AND WELLNESS	JUNIOR RESERVE OFFICERS' TRAINING CORPS (JROTC) See pg. 51	LAW ENFORCEMENT
Principles of Education and Training	Principles of Health Science	Principles of Human Services	JROTC I, II, III, and IV	Principles Law, Public Safety, Corrections, and Security
Child Development	Medical Terminology	Lifetime Nutrition and Wellness and Interpersonal Studies	Campus Branches:	Law Enforcement I
Instructional Practices	Anatomy and Physiology	Human Growth and Development	Air Force – Dulles, Elkins, Kempner, Marshall	Law Enforcement II
Practicum in Education and Training	Health Science Theory	Counseling and Mental Health	Army – Hightower	Forensics Science
			Marines – Ridge Point, Travis, Willowridge	
			Navy – Austin, Bush, Clements	



Endorsements: Arts and Humanities

Who?:

Students interested in the fine arts, world languages, and social studies.

Careers:

Actor

Movie Director

Translator

Ambassador

Musician

Artist



VISUAL ART	MUSIC	THEATRE	DANCE	WORLD LANGUAGES	SOCIAL STUDIES
4 levels of one of the following: Drawing • Painting • Sculpture • Ceramics • Digital Arts	4 levels of one of the following: • Band • Orchestra • Choir • Mariachi • Piano Technician	One of the following options: • Theatre • Technical Theatre • Theatre Production	One of the following: Dance I-IV Dance Team I-IV	Levels I – IV of any world language OR Levels I and II of two different world languages	Five (5) credits in social studies which must include World Geography or World History, US History, Government/Economics (these are already required for graduation)

VISUAL ART	MUSIC	THEATRE	DANCE	WORLD LANGUAGES	SOCIAL STUDIES
4 levels of one of the following: Drawing • Painting • Sculpture • Ceramics • Digital Arts	4 levels of one of the following: • Band • Orchestra • Choir • Mariachi • Piano Technician	One of the following options: • Theatre • Technical Theatre • Theatre Production	One of the following: Dance I-IV Dance Team I-IV	Levels I – IV of any world language OR Levels I and II of two different world languages	Five (5) credits in social studies which must include World Geography or World History, US History, Government/Economics (these are already required for graduation)



Endorsements: Multidisciplinary

- Provides students an opportunity to earn an Endorsement from courses taken from multiple subject areas and/or Endorsements
 - 4 AP or Dual Credit Core Subjects
 - 4 X 4 Core Subjects
 - Combination of CTE or Tech Apps from different Endorsements



Multidisciplinary Endorsement Pathways

SAMPLE MULTIDISCIPLINARY PATHWAYS

Multidisciplinary Core AP	Multidisciplinary Core 4x4	Multidisciplinary Advanced CTE Mix and Match Example
English IV AP	4 English credits (must include English 4)	Architecture Design
Spanish IV AP	4 Math credits	Lifetime Nutrition & Wellness AND Prof Comm.
Statistics AP	4 Science credits (must include Chemistry or Physics)	Digital Interactive Media
World History	Social Studies – 4 credits	Anatomy and Physiology



Graduation Requirements

- English – 4 credits
- Math – 4 credits
- Science – 4 credits
- Social Studies – 3 credits (recommend 4)
- PE – 1 credit
- Fine Art – 1 credit
- World Language – 2 credits (same language)
- Health (.5) and Speech (.5)
- Electives – 6 credits

Fort Bend ISD
High School Four Year Plan
Class of 2018 and Beyond

Name: Ima Falcon ID #: 0123456 Counselor Name: Angibeau
 School: Fort Settlement M.S. Grade: 8 Class of: 20 26 Date: Feb 2022

There are three graduation plan options. Students develop and/or update graduation plans every year during the Course Selection process. The default graduation plan in FBISD is the Distinguished Level of Achievement (DLA). In order to be considered for the "Top Ten Percent Automatic Admission Program" in Texas state public institutions, students must graduate Distinguished. Students who choose to move to the Foundation Plan (22 credits) must wait until they complete their 10th grade year and have parent/guardian permission in writing. Students and parents are responsible for enrolling in, and monitoring the successful completion of courses required for graduation. Students must enter this four year course plan in Naviance in Family Connection (click Course Tab → Manage My Course Plans → New Plan OR Your Current Plan to edit an existing Course Plan).

Endorsement:

- ☒ STEM
☐ Business and Industry
☒ Arts and Humanities
☐ Public Services
☒ Multidisciplinary Studies

This student will earn three Endorsements

My Post High School plans will take me to:

(Check as many as apply):

- ☐ Two Year College
☐ Technical Training
☒ Four Year College/University/
 Military Academy
☐ Employment
☐ Military
☐ Other: _____

My Graduation Plan Type Is:

- ☒ Distinguished Level of Achievement (Default)
☐ Foundation + Endorsements
☐ Foundation (can only select after completing 10th grade)

REFER TO CHART YOUR COURSE GUIDE FOR DETAILS

	Distinguished Level of Achievement (DLA)	Foundation Plan + Endorsements	Foundation Plan
Discipline	Credits	Credits	Credits
English	4	4	4
Math (*Algebra 2 required for DLA)	*4	4	3
Science	4	4	3
Social Studies	3	3	3
World Language or Computer Science	2	2	2
Fine Arts	1	1	1
Physical Education	1	1	1
Health	.5	.5	.5
Speech (Professional Communication)	.5	.5	.5
Electives	6	6	4
Total Credits for Graduation:	26	26	22

Plan for 7 courses per year using the Graduation Requirements in chart above.

Discipline	Middle School Credits	9 th Grade	10 th Grade	11 th Grade	12 th Grade	Summer School / Distance Learning / Online Courses Date Completed
English		English I	English II	English III	English IV	
Math		Algebra I AAC	Geometry AAC	Algebra II AAC	Pre-Calculus	
Science		Biology AAC	Chemistry	Physics	AP Biology	
Social Studies		World Geography	World Hist.	U.S. History	Gov / Economics	
World Lang.		Spanish I	Spanish II	Spanish III		
Fine Arts		Band I	Band II	Band III	Band IV	
PE / Health / Prof. Comm.		PE Credit Fall Sem.				
Electives		Comp Sci	Health/Speech Elective	Elective	Elective	
Electives				Elective	Elective	
Electives						

Student Signature: _____ Date: _____ Counselor Signature: _____ Date: _____

Parent Signature: _____ Date: _____ Notes: _____



Why Does GPA Matter

Top 10% Rule

If you graduate in the top 10% of your class, Texas law allows **automatic admission** to Texas public universities.

(The one exception is University of Texas, which is top 5%.)

So, if your graduating class has 500 students, your GPA will need to be high enough to make you at least #50 in your class, in order to qualify for automatic admission.





The 100-point GPA scale

weighted classes receive additional points for ranking only

- The FBISD GPA system is a 100-Point Scale.
- All grades shall be recorded numerically on a 100-point system and reflected as such on a transcript and report cards.
- 57 Courses shall be weighted as follows:
 - Category Weight AP level, Beyond AP, Dual Credit, IB, and Dual Enrollment +10 points to the semester average
 - AAC level, Pre-IB, Honors +5 points to the semester average
 - Regular/On-level courses Not weighted
- When required by colleges or scholarships, the 100-point scale cumulative GPA shall be converted to a 4-point scale.



The 100-point GPA scale

weighted classes receive additional points for ranking only

Weighted Grade Point System

Advanced Placement (AP) courses, Dual Credit courses, IB courses	AAC, high school Honors courses, Pre-IB courses	On- level courses/non-weighted courses
Receives 10 point weight	Receives 5 point weight	Does not receive any weighted points

Example of a high school student's grades:

Physics (on level) 86 = 86 points

English III AP 94 = 104 points (10 additional points added for AP)

US History Dual Credit 84 = 94 points (10 additional points added for Dual Credit)

Athletics 100 = 100 points

Choir 100 = 100 points

Pre-Cal AAC 86 = 91 (5 additional points added for Pre-AP)

Journalism 94 = 94

Total points = points divided by 7 = 95.5714286



Course Details Are Key!



Business Information Management I

Course Number: CBU030

Offered in: 10-12 Credits: 1 Level: On Level

Prerequisites: Principles of Business, Marketing & Finance

Students will develop software skills in order to create authentic word processing documents, spreadsheets, databases and professional presentations. Skills necessary for employment and basic problem solving will be incorporated. The opportunity to earn Microsoft Office Specialist certifications will be provided throughout the course.



Important Dates

Course Selection – Spring 2026

- FSMS 8th Grade Parent Night – **Tuesday, January 13th @6:00PM**
- Clements Parent Night – **Thursday, January 15th @ 6:00 PM**
- Elkins Parent Night – **Wednesday, January 21st @ 5:00 PM**
- Clements Counselors Visit FSMS - **Tuesday, January 20th**
- Elkins Counselors Visit FSMS – **Monday, January 26th**
- The course selection window will be open **Monday, January 26th**
- FSMS Career Day for all 8th grade students – **Thursday, January 29th**
- The course selection window will close on **Friday, February 13th**



ANY QUESTIONS???

Email Mrs. Armatta

Stefanie.Armatta@fortbendisd.gov

or

**Stop by and see me in the counseling office across the hall from the
Computer Lab if you need to talk!**