

FBISD

# Chart your course

Graduation and Career Planning

**Fort Settlement Middle School  
8<sup>th</sup> Grade Course Selection Information  
High School Endorsements & Pathways  
High School 4-Year Plans**



## 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 8<sup>th</sup> grade students must choose an Endorsement.

# ENDORSEMENTS and Pathways

STEM	Business and Industry	Public Service	Arts and Humanities	Multidisciplinary Studies
<ul style="list-style-type: none"><li>• Engineering</li><li>• Computer Science (Programming and Software Development)</li><li>• Math</li><li>• Science</li></ul>	<ul style="list-style-type: none"><li>• Agriculture, Food, Natural Resources</li><li>• Architecture and Construction</li><li>• Arts, Audio/Video Technology, and Communications</li><li>• Business, Marketing, and Finance</li><li>• Hospitality and Tourism</li><li>• Information Technology</li><li>• Manufacturing</li><li>• Transportation, Distribution, and Logistics</li><li>• English — Journalism and Debate</li></ul>	<ul style="list-style-type: none"><li>• Education and Training</li><li>• Health Science</li><li>• Human Services</li><li>• JROTC (Jr. Reserve Officers' Training Corps)</li><li>• Law and Public Service</li></ul>	<ul style="list-style-type: none"><li>• Visual Art (drawing, painting, sculpture, ceramics, and digital art)</li><li>• Music (band, orchestra, choir)</li><li>• Theatre (theatre, technical theatre, and theatre production)</li><li>• Dance</li><li>• World Languages</li><li>• Social Studies</li></ul>	<ul style="list-style-type: none"><li>• 4x4</li><li>• AP/IB/Dual Credit</li><li>• Advanced Courses</li></ul>



# 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:

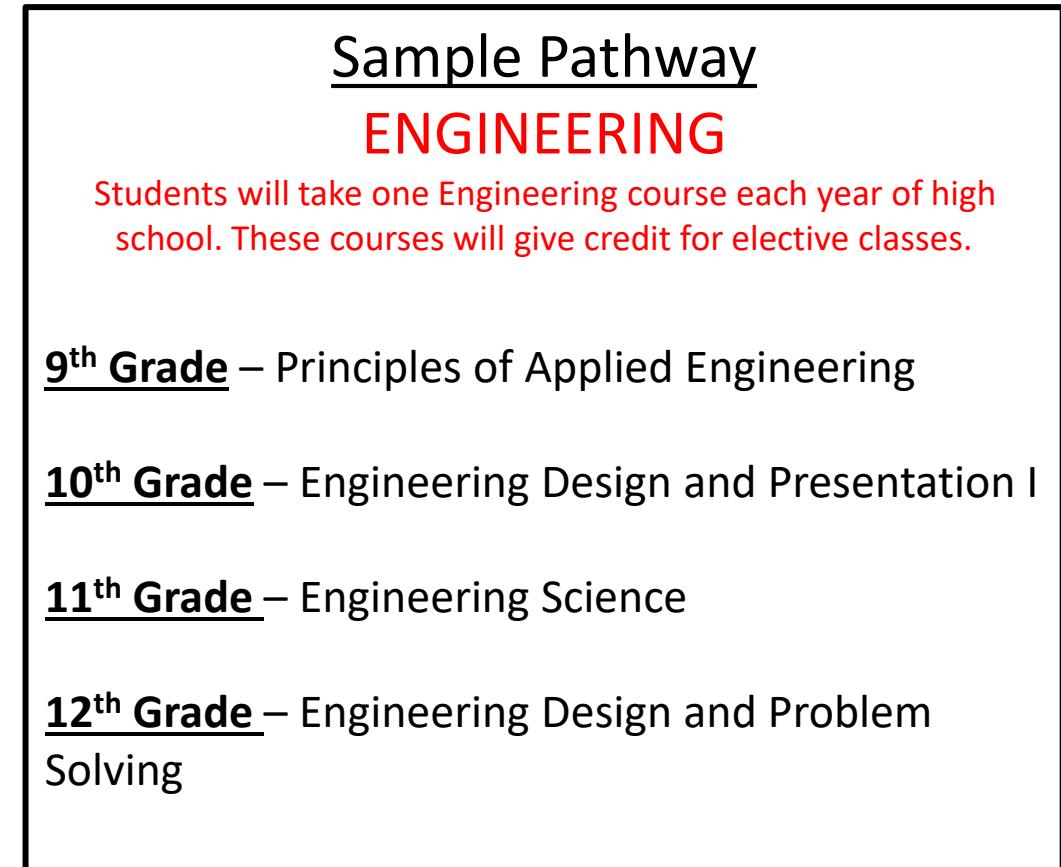
Robotics Technician  
Computer Programmer  
Medical Researcher  
Engineer  
Biochemist Microbiologist  
Environmentalist



# 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	Five (5) or more credits in science
Engineering Design and Presentation I	Engineering Science	AP Comp Sci A	that must include Algebra I, Geometry, and Algebra II	that must include Biology, Chemistry, and Physics
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		





# 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	Principles of Business, Marketing and Finance	Principles of Business, Marketing, & Finance Sports and Entertainment Marketing Social Media Marketing	Culinary Arts Advanced Culinary Arts Practicum in Culinary Arts	Internetworking Technologies I Computer Maintenance + Lab Networking Systems + Lab
Business Information Management I	Business Info Management I	Advanced Marketing Practicum in Marketing		
Accounting I	Entrepreneurship I			
Securities and Investments	Entrepreneurship II Practicum in Entrepreneurship			



# 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  Marines – Ridge Point, Travis, Willowridge  Navy – Austin, Bush, Clements	Forensics Science



# Endorsements: Arts and Humanities

## Who?:

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

## Careers:

Actor

Movie Director

Translator

Ambassador

Musician

Artist



## Arts and Humanities Endorsement Pathways

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: Angibean

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
<b>Total Credits for Graduation:</b>	<b>26</b>	<b>26</b>	<b>22</b>

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

Discipline	Middle School Credits	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> 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	AP 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	
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

<b>Advanced Placement (AP) courses, Dual Credit courses, IB courses</b>	<b>AAC, high school Honors courses, Pre-IB courses</b>	<b>On- level courses/non-weighted courses</b>
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 8<sup>th</sup> Grade Parent Night – **Tuesday, January 13<sup>th</sup> @6:00PM**
- Clements Parent Night – **Thursday, January 15<sup>th</sup> @ 6:00 PM**
- Elkins Parent Night – **Wednesday, January 21st @ 5:00 PM**
- Clements Counselors Visit FSMS - **Tuesday, January 20<sup>th</sup>**
- Elkins Counselors Visit FSMS – **Monday, January 26<sup>th</sup>**
- The course selection window will be open **Monday, January 26<sup>th</sup>**
- FSMS Career Day for all 8<sup>th</sup> grade students – **Thursday, January 29th**
- The course selection window will close on **Friday, February 13<sup>th</sup>**



Chart  
your  
Course

ANY QUESTIONS???

Email Mrs. Armatta

[Stefanie.Armatta@fortbendisd.gov](mailto: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!**