



Foundations Program

Spring 2017

FORT BEND
INDEPENDENT SCHOOL DISTRICT



Welcome!

The purpose of this presentation is to assist students in planning for high school.

Students are strongly encouraged to:

- Refer to the FBISD [Course Selection Guide](#) **online** for more detailed and most up to date information.
- Meet with building counselors for questions and additional guidance.



Graduation Plans

- Foundation + Endorsements – 26 credits
- Distinguished Level of Achievement – 26 credits
- Foundation Only – 22 credits

Fort Bend Independent School District

Distinguished Level of Achievement Graduation Plan – 26 credits

Student must fulfill the Graduation requirements of at least one of the five Endorsements below and successfully complete Algebra II.

*Foundation + Endorsement Graduation Plan – 26 credits

STEM	Business & Industry	Public Service	Arts & Humanities	Multidisciplinary Studies
4 English – ELA I, II, III & one advanced English	4 English – ELA I, II, III & one advanced English	4 English – ELA I, II, III & one advanced English	4 English – ELA I, II, III & one advanced English	4 English – ELA I, II, III & one advanced English
4 Math - Algebra I, Geometry, Algebra II & one advanced math	4 Math - Algebra I, Geometry & two advanced math	4 Math - Algebra I, Geometry & two advanced math	4 Math - Algebra I, Geometry & two advanced math	4 Math - Algebra I, Geometry & two advanced math
4 Science - Biology, Chemistry, Physics & one advanced science	4 Science - Biology, IPC or Chemistry or Physics & two advanced science	4 Science - Biology, IPC or Chemistry or Physics & two advanced science	4 Science - Biology, IPC or Chemistry or Physics & two advanced science	4 Science - Biology, IPC or Chemistry or Physics & two advanced science
3 Social Studies - World Geo or World Hist, US Hist, Gov't (.5) & Eco (.5)	3 Social Studies - World Geo or World Hist, US Hist, Gov't (.5) & Eco (.5)	3 Social Studies - World Geo or World Hist, US Hist, Gov't (.5) & Eco (.5)	3 Social Studies - World Geo or World Hist, US Hist, Gov't (.5) & Eco (.5)	3 Social Studies - World Geo or World Hist, US Hist, Gov't (.5) & Eco (.5)
2 LOTE, 1 PE, 1 Fine Art, .5 health/.5 speech, 6 electives*	2 LOTE, 1 PE, 1 Fine Art, .5 health/.5 speech, 6 electives *	2 LOTE, 1 PE, 1 Fine Art, .5 health/.5 speech 6 electives *	2 LOTE, 1 PE, 1 Fine Art, .5 health/.5 speech, 6 electives*	2 LOTE, 1 PE, 1 Fine Art, .5 health/.5 speech 6 electives*

***Specific elective requirements vary by endorsement.**

Foundation Graduation Plan – 22 credits

4 English – ELA I - III & one advanced	2 LOTE or Computer Programming
3 Science - Biology, IPC or Chem. or Physics & one advanced	1 Physical Education
3 Math - Algebra I, Geometry & one advanced	1 Fine Arts
3 Social Studies - World Geography or World History, US History, Government (.5) & Economics (.5)	.5 Health / .5 Speech
	4 Elective Credits

*This is an overview of the Foundation + Endorsement Graduation Plans. Please see next page(s) for the specific requirements of each Endorsement.



Course Requirements: Endorsements

- Similar to a college major
- Endorsement pathways are typically a sequence of courses for 4 credits
- Can focus on Academics, Fine Arts, JROTC, or Career and Technical Education
- Offerings vary by campus



Course Requirements: Endorsements

- FBISD students will declare their endorsement in Skyward Family Access when they select their courses for next year.
- Students will have the opportunity to change their endorsement.
- The endorsement, and any changes, must be indicated in writing and signed by the parent.



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

SAMPLE STEM PATHWAYS (see course guide for specific courses)

STEM MATH	STEM SCIENCE	STEM TECH APPS	STEM CTE PROJECT LEAD THE WAY	STEM CTE ENGINEERING
Algebra I	Biology	Computer Sci I	Introduction to Engineering	Concepts of Engineering
Geometry	Chemistry	Computer Sci II	Aerospace Engineering	Principles of Manufacturing
Algebra II	Physics	Computer Sci III	Biomedical Engineering	Engineering Design and Problem Solving
Pre-Calculus	Environmental Science	Game Programming	Capstone: Engineering Design and Development	Scientific Research and Design
Calculus	Chemistry AP			



Endorsements: Business and Industry

Who?:

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

Careers:

Accountant
Aircraft Controller
Interior Designer
Electrician
Chef
Architect



used
schools
Degrees
high
university
education
colleges
edit

Business and Industry Endorsement Pathways

SAMPLE BUSINESS AND INDUSTRY PATHWAYS

(see course guide for specific courses)

Business & Industry Animal Science	Business & Industry Interior Design	Business & Industry Video Prod.	Business & Industry Sports Market.	Business & Industry Automotive
Principles of Agriculture	Principles of Human Service	Principles of Arts and A/V	Principles of Business, Marketing, & Finance	Principles of Business, Marketing & Finance
Livestock Production	Interior Design	A/V Production	Business Information Management	Business Information Management
Wildlife, Fisheries and Ecology Management	Advanced Interior Design	Animation	Sports & Entert. Market./Prof Comm	Automotive Tech
Vet Med Application	Practicum in Interior Design	Advanced A/V Production	Entrepreneurship	Advanced Auto Tech



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

Private Investigator

Animal Control Worker

Mental Health Counselor



Public Service Endorsement Pathways

SAMPLE PUBLIC SERVICE PATHWAYS (see course guide for specific courses)

Public Service JROTC	Public Service Clinical Medicine	Public Service Education	Public Service Cosmetology	Public Service Nutrition
JROTC I	Principles of Health Science	Principles of Ed. And Training	Principles of Human Services	Principles of Human Services
JROTC II				
JROTC III	Medical Terminology AND Prof Comm.	Human Growth & Development	Fashion Design	Human Growth & Development
JROTC IV	Anatomy and Physiology	Instructional Practices in Ed.	Cosmetology 1	Lifetime Nut. & Wellness AND Prof Comm.
	Health Science	Practicum in Education	Cosmetology 2	Food Science



Endorsements: Arts and Humanities

Who?:

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

Careers:

Actor
Movie Director
Translator
Ambassador
Musician



Arts and Humanities Endorsement Pathways

SAMPLE ARTS AND HUMANITIES ENDORSEMENT PATHWAYS (see course guide for specific courses)

Arts & Humanities Social Studies	Arts & Humanities World Lang.	Arts & Humanities Band	Arts & Humanities Theater	Arts & Humanities English
World Geography	Spanish 1	Band I	Theater 1	Photojournalism
World History	Spanish 2	Band II	Theater 2	Yearbook
U.S. History	Spanish 3 Pre-AP	Band III	Theater 3	Yearbook 2
Government	Spanish 4 AP	Band IV	Theater 4	Yearbook 3
Economics				
European History				



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 (see course guide for specific courses)

Multidisciplinary Core AP	Multidisciplinary Core 4x4	Multidisciplinary Advanced CTE Mix and Match
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



Endorsements

- Specific course requirements vary by Endorsement
- See Chart Course Selection Guide for more detailed info:
 - Specific graduation requirements for each Endorsement
 - Available pathways
 - Sample four year plans



Distinguished Level of Achievement (DLA)

A Distinguished Level of Achievement (DLA) may be earned through successful completion of:

- All requirements for the Foundation High School Program, ***plus***
- The requirements of *at least one* endorsement, including **Algebra II** among the four required math credits, ***and***
- A fourth science credit

A student must graduate with a Distinguished Level of Achievement (DLA) to be considered for the Top 10% and eligibility for automatic admission to a Texas public college or university.



Performance Acknowledgments

Performance Acknowledgements may be earned in one or more of the following categories:

- AP test score of 3 or above;
- IB test score of 4 or above (*transfer students only as the International Baccalaureate program is not available in FBISD*);
- Qualifying PSAT score based on the 11th grade test;
- SAT combined critical reading and math score of 1250 or above;
- ACT composite score of 28 or above;
- College course with a final grade of A or B (3.0 or above);
- Bilingualism and biliteracy; and
- Earning a nationally or internationally recognized business or industry certification or license.



Testing Requirements

Students must pass the following assessments in order to graduate:

- 5 End-of-Course Tests (EOC)
 - Algebra I
 - Biology
 - English I
 - English II
 - U.S. History
- Substitution Tests – AP, PLAN, PSAT/SAT, ACT



Students will select courses in Skyward Family Access.

- Choose an endorsement.
- Select one course from each of the following:
 - English
 - Math
 - Science
 - Social Studies
- Select courses from other required areas to complete seven (7) class periods
- If one course marked (sem.) is selected, a second (sem.) course is also required.
- **Parents must log in to their Skyward Family Access account to sign their student's endorsement selection.**



Sample Freshman Schedule

1. English I
2. Algebra I*
3. Biology
4. World Geography
5. Endorsement Pathway Elective
6. World Language Elective
7. Elective (Fine Arts, Professional Communication, Health, P.E., Athletics etc.)

***Geometry may be taken if Algebra I credit was earned in 8th grade.**



Course Selection

- Review the [Course Selection Guide](#) when making course and endorsement selections. The online version will have the most up to date information.
- List alternate choices in the areas provided.
- Turn in the course selection worksheet as instructed by the counselor.
- Enter selections and endorsement choice in Skyward Family Access.
- Contact the school counselor for questions or to schedule an appointment.



Dates to Remember

The course selection window opens
Feb. 1st – 22nd.



Questions?

Please contact your school counselor
with questions regarding course
selection and 4 year planning.