

High School 101
Are you ready?



**Welcome Class
of 2025!**

AGENDA

- ❑ Graduation Requirements
- ❑ Credits
- ❑ Preparing for High School
- ❑ Helpful Resources
- ❑ Questions

BEGIN WITH THE END IN MIND



GRADUATION REQUIREMENTS

1. student must complete the courses required by the District in addition to those mandated by the state. **STISD Policy** The courses that satisfy District requirements under the foundation program, including courses for the distinguished level of achievement and courses for endorsements offered by the District, shall be listed in appropriate District publications.
2. 28 credits-STISD
3. Select an endorsement
4. Pass all 5 STAAR EOC exams: English I, English II, Algebra I, Biology, US History

FOUNDATIONS WITH DISTINGUISHED ACHIEVEMENT

- Student must complete:
- 4 credits in English
- 4 credits in Math (includes Algebra II)
- 4 credits in Science
- 3 credits in Social Studies
- 2 credits in languages other than English (LOTE)
- 1 credit in Fine Arts
- 1 credit in PE
- **At least 1 Endorsement**
- **Electives required by STISD**
- **28 credits-STISD**

PROMOTION POLICY AND CREDITS

9th grade-----0 to 6.5 credits

10th grade-----7 to 12.5 credits

11th Grade-----13 to 19.5 credits

12th Grade-----20 + credits

A student may earn one half credit for each one semester High School course with a grade of 70 or better.

Example: English I (1st semester)	80=.5
<u>English I (2nd semester)</u>	<u>75=.5</u>
	1.0 credit

TRANSCRIPT

STATE OF TEXAS ACADEMIC ACHIEVEMENT RECORD

STUDENT INFORMATION

(Student Full Legal Name)

Student ID Number:

SSN/State ID Number:

Date of Birth:

Sex:

Ethnicity:

(Parent/Guardian)

(Parent's Name)

(Address)

(City, State Zip)

SCHOOL INFORMATION

(District Name)

(Name of School) (CDCN)

(School Address)

(City, State, Zip)

(Phone Number)

(CB/ACT Campus Number)

STATE ASSESSMENT REQUIREMENTS

English Language Arts

(Admin/YYYY)

Mathematics

(Admin/YYYY)

Science

(Admin/YYYY)

Social Studies

(Admin/YYYY)

DAP ADVANCED MEASURES

(measure earned)

(date)

(measure earned)

(date)

(measure earned)

(date)

(measure earned)

(date)

END-OF-COURSE EXAMS

ENG I Reading (level)

ENG I Writing (level)

ALG I (level)

BIO (level)

W GEO (level)

ENG II Reading (level)

ENG II Writing (level)

ALGII (level)

CHEM (level)

W HIST (level)

ENG III Reading (level)

ENG III Writing (level)

GEOM (level)

PHYS (level)

US HIST (level)

SCHOOLS AWARDING CREDIT

2012-2013: (CDCN)

2014-2015: (CDCN)

2013-2014: (CDCN)

2015-2016: (CDCN)

Course Credit – Please Add Rows As Needed

	SE	S1	S2	Av	Cr		SE	S1	S2	Av	Cr
English Language Arts						PE/Equivalent					
Speech						Other Languages					
Mathematics											
						Fine Arts					
Science											
						Career & Technical Ed					
						Other Electives					
Social Studies											
						Local Credit					
Econ/Free Enterprise											
						Credit Totals					
Health						State					
						Local					

Date of Class Rank:

Rank:

GPA:

Quartile:

Class Size:

Date of Certificate of Coursework Completion:

Date of Graduation:

Graduation Program Type:

(Graduation Program Seal)

Signature and Title of School Official _____

NOTES: CDCN=County/District/Campus Number; A passing grade is 70 or above, P=Pass F=Fail; SE=Special Explanation Code; A=articulated credit course; C=correspondence course; D=dual credit; E=credit by exam (90%); G=gifted/talented course; H=honors course; I=IB course; J=course completed prior to Grade 9; K=pre-IB course; L=local credit; M=magnet course; P=AP course; Q=pre-AP course; R=summer school, night school, or other non-school day/year instructional arrangement; T=credit by exam (70%); V=content modified per ARD committee decision; X=innovative course; Z=distance learning course; 1=course providing PE equivalency or PE waiver; 2=part of a coherent sequence of CTE courses for Technology Applications credit; 3=transfer credit from non-Texas public school; Refer to *Minimum Standards for the AAR* for appropriate use.

ENDORSEMENTS

MULTIDISCIPLINARY STUDIES

STEM

PUBLIC SERVICE

ARTS AND HUMANITIES

BUSINESS AND INDUSTRY

Endorsements

Note:

All high schools do not
Have all 5 endorsements



Students can choose from 5 endorsement areas



Science, Technology, Engineering and Mathematics (STEM)

- Career and Technical Education (CTE) courses related to STEM
- Mathematics
- Science
- Computer Science
- Combination of no more than two of the categories listed above



Business and Industry (one of the following or a combination of areas)

- Agriculture
- Arts
- Audio/Video
- Finance
- Marketing
- Food and Natural Resources
- Hospitality and Tourism
- Information Technology
- Manufacturing
- Technology Applications
- Architecture and Construction
- Technology and Communications
- Business Management and Administration
- Transportation or Distribution and Logistics
- English electives in public speaking, debate, advanced broadcast journalism, advanced journalism including newspaper and yearbook



Public Service (one of the following)

- Human Services
- Law
- Corrections and Security
- Health Science
- Public Safety
- Education and Training
- Government and Public Administration
- Junior Reserve Officer Training Corps (JROTC)



Arts and Humanities (one of the following)

- 2 levels each in two languages other than English (LOTE)
- 4 levels in the same LOTE
- Courses from one or two areas (music, theater, art, dance) in fine arts
- English electives not included in Business and Industry
- Social Studies
- American Sign Language (ASL)



Multi-Disciplinary Studies (one of the following)

- 4 advanced courses from other endorsement areas
- 4 credits in each foundation subject area, including English IV and chemistry and/or physics
- 4 credits in Advanced Placement, International Baccalaureate, or dual credit selected from English, mathematics, science, social studies, economics, LOTE or fine arts



South Texas ISD Medical Professions

Located in Olmito, Texas



SOUTH TEXAS ISD MEDICAL PROFESSIONS COURSE SEQUENCE 2020-2021

English I Honors	English II Honors	English III AP	English IV AP
Algebra I Honors or Geometry Honors	Geometry Honors or Algebra II Honors	Algebra II Honors or Pre-Calculus Honors or Calculus AB	Pre-Calculus Honors or Calculus AB or Calculus BC
Biology Honors	Chemistry Honors	Physics Honors Biology AP or Chemistry AP or Environmental Science AP	Biology AP Chemistry AP or Environmental Science AP or Physics AP
Human Geography AP	World History AP	U.S. History AP	U.S. Government AP (semester course) Economics AP (semester course)
Spanish I Honors or Spanish II Honors	Spanish II Honors or Spanish Lang. AP	*Psychology AP (semester course) Research/ Technical Writing (semester course)	Spanish Lang. AP or Spanish Lit. AP
Speech (semester course) Foundations of Personal Fitness (semester course)	Art I Honors or Theater Arts	Individual Sports (semester course) SAT/ACT Prep (semester course)	Elective Statistics AP or Additional Science AP or Additional Spanish AP or Computer Science AP or Additional Art AP or Team Sports or Aerobic Activities World Health Research or PE Mentoring (1 credit course) or An approved Independent Study Course or Personal Finance (semester course)
Artificial Intelligence Applications			
Health Professional Skills or Human Growth & Development (with HPS credit)	Pathophysiology Anatomy & Physiology	Health Science Theory/Health Science Clinical Clinical Laboratory Dental Science Ophthalmology Patient Care Pharmacy Trauma Management (2 credit course)	Practicum in Health Science Emergency Medical Science Dental Assisting Medical Assisting Ophthalmology Phlebotomy Pharmacy Technician (2 credit course)

Students must take core classes each year in English, Math, Science, and Social Studies. Advanced Placement classes are available in Art, Calculus, Statistics, Biology, Computer Science, Chemistry, Environmental Science, Physics, English Language, English Literature, Spanish Language, Spanish Literature, Economics, U.S. Government, U.S. History, World History and Psychology. Dual Enrollment in English and US History. *Psychology AP may be taken for advanced scheduling.

Medical Professions offers the Foundation Diploma with endorsements in: STEM5 (science, technology, engineering and math), Public Service, Arts and Humanities and Multidisciplinary Studies.



South Texas ISD SCIENCE ACADEMY

Located in Mercedes, Texas



South Texas ISD
**Science
Academy**
GRADES 9-12 | MERCEDES



South Texas ISD
**Science
Academy**
GRADES 9-12 | MERCEDES

2020-2021 Course Sequence

English	Math	Science	Social Studies
English I Honors English II Honors English III AP# Professional Communication English IV AP# ■ STC ENGL1301 ■ STC ENGL1302 ■ Advanced English Studies ■ STC ENGL 2341 ■ STC ENGL 2321 ■ =====	Algebra I Honors Geometry Honors Algebra II Honors Pre-Calculus Honors ■ STC Math 1414 ■ STC Math 2412 ■ ===== Advanced Quantitative Reasoning Logic I and Logic II Calculus I AP# ■ STC Math 2413 ■ Calculus II AP# ■ STC Math 2414 ■ Statistics AP# ■ STC MATH 1442 ■	Integrated Phys & Chem Honors Biology I Honors Chemistry Honors Physics Honors ===== Biotechnology Principles of Biomedical Science Human Body Systems+ Environmental Systems Earth and Space Science+ UT GEO 302E + Biology AP# Chemistry AP# Environmental Science AP# Physics I AP# Physics II AP# Physics C AP#	World History AP# World Geography Honors U.S. History AP# U.S. Government AP# Economics AP# ===== Personal Financial Literacy European History AP# Psychology AP# Sociology
Engineering	Physical Education/Health	Fine Arts	Electives
Introduction to Engineering Design (IED)* Digital Electronics (DE)* Engineering Science (POE)* Engineering Design & Development (EDD)* ===== Computer Integrated Manufacturing (CIM) * Aerospace Engineering (AE) * Civil Engineering & Architecture (CEA) *	Foundation of Personal Fitness Individual or Team Sports Health ===== Aerobic Activities	Art I Art I Honors ===== Art II Sculpture I Digital Art & Media I Art AP#	Path College Career Research/Technical Writing ===== Advanced Yearbook I Advanced Yearbook II ===== <i>P.A.E.²-Program of Academic Excellence via Externships (3rd year course option)</i> <i>Selected via application process k:k</i>
Foreign Language	Computer Science	Endorsements	
Spanish I Honors Spanish II Honors ===== Spanish III AP# ■ STC SPAN 2313 ■ Spanish IV AP#	Computer Science Principles AP# ===== Computer Science A AP#	STEM Multidisciplinary Arts and Humanities	

Advanced Placement Course

■ Dual Enrollment Course (pending acceptance to STC dual enrollment)
 + Dual Enrollment Course (pending acceptance UT dual enrollment)

*Project Lead the Way Course

==== Courses above the dashed line are mandated by state or campus regulations.

Science Academy

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FOUNDATION COURSES - 4 ELA: English I, II, III, & IV; 3 MATH: Algebra, Geometry & Algebra II; 3 SOCIAL STUDIES - World History, US History, Government & Economics; 3 SCIENCE - IPC, Biology & Chemistry; 2 FOREIGN LANGUAGES - Spanish I & 2; 1 FINE ARTS - Art I; 1 PHYSICAL EDUCATION - Foundations of Pers. Fit & Ind. Team Sports 9 ELECTIVES - Introduction to Engineering, Engineering Science (POE), Speech/Health, PE/Path College Career, World Geography, Spanish 3, Environmental Systems or Environmental Science AP, Independent Studies

STEM Endorsement - Courses required: Six (6) courses in STEM area. Completion of the foundation requirements, required courses include: Algebra II, Chemistry, and Physics. Additionally, five (5) courses must be completed from the following options: A) Computer Science Principles, Introduction to Engineering, Digital Electronics, Principles of Engineering, Principles of Biomedical Science, Human Body Systems, Environmental Sustainability, Civil Engineering & Architecture, Aerospace Engineering, Engineering Design & Development and/or any Advanced Mathematics or Science course. B) Five (5) mathematics courses; C) Five (5) science courses. We are in the process of Digital Electronics (DE) functioning as Mathematics and Engineering credit; Engineering Science (POE) and Engineering Design and Development (EDD) also functioning as a Science and Engineering credit.

Multidisciplinary Endorsement - Courses required: Six (6) in the Multidisciplinary area. Required courses include: Chemistry, Physics and Algebra II. Additionally, five (5) courses must be completed from the following options: Spanish IV, Advanced Journalism I & II, Art II or AP, Computer Science Principles AP, Computer Science A AP (Computer Science Applications PLTW), Psychology AP or Dual, Sociology, Aerobic Activity and/or any Advanced Mathematics or Science course.

Arts & Humanities Endorsement - Courses required: Completion of the foundation requirements and A) World History, World Geography, United States History, Government, Economics, both Psychology & Sociology or AP European History and/or B) Spanish I, Spanish II, Spanish III and Spanish IV. C) English I, English II, English III, English IV and Advanced English Studies.

- English, Math, Science, Social Studies and Engineering courses are required each of the four years
- Pre-Calculus I Honors is required prior to or concurrently with Statistics AP
- If the required grade level's Engineering CTE course is full, the student will be placed in his/her second choice
- Science Academy will permit a student to choose, at any time, to earn an endorsement other than the endorsement the student previously indicated with parent consent.

Dual Enrollment course at Science Academy are: Pre-Calculus, Calculus I, Calculus II, Calculus III, Statistics, English IV, Advanced English Studies, Spanish III, and Earth & Space Science. These courses earn a student both high school and college credit. Dual Enrollment teachers have a Master's degree in the area of study. Courses transfer to any public university in Texas.

Transcripted college credit is available through various PLTW partner universities (PLTW.org). Introduction to Engineering Design, Computer Science Principles, Digital Electronics, Principles of Engineering, Aerospace Engineering, Computer Integrated Manufacturing, and Civil Engineering and Architecture. The credit is based upon the scores from an end of course exam, receiving college/university, and the submission of the specified application. There is no fee to take university EOC exams, but a filing fee with the university is required for each qualifying course the student requests be transcripted credit(s) through the university system.

Elective courses from Home High Schools will be accepted and credit will be awarded within Science Academy's four-year course sequence.

South Texas ISD Health Professions

Located in Mercedes, Texas



South Texas ISD
**Health
Professions**
GRADES 9-12 | MERCEDES



SOUTH TEXAS ISD HEALTH PROFESSIONS

700 Med High Drive, Mercedes, TX 78570 (956) 565-2237

FOUR YEAR COURSE SEQUENCE 2020-2021

Available Endorsements: Arts & Humanities, Multidisciplinary Studies, Public Services, STEM

English I Honors	English II Honors or Humanities	English III CP, AP, DE	English IV CP, AP, DE
Algebra I Honors Geometry Honors	Geometry Honors or Algebra II Honors	Algebra II Honors or Pre-Calculus Honors	Pre-Calculus Honors, Honors/DE Calculus AB AP, AP/DE Calculus BC AP Statistics AP, AP/DE (after Pre-Cal)
Biology I Honors Integrated Physics and Chemistry Honors Environmental Systems Honors	Chemistry I Honors Environmental Systems Honors	Physics Honors Physics 1 AP, AP/DE AP Science (after Physics Honors)	Biology AP or Chemistry AP or Physics 2 AP, AP/DE or Environmental Science AP (electives after AP Science)
World Geography Honors Human Geography AP	World History Honors, AP	U.S History CP, AP, AP/DE	U.S Government/ Economics AP
Foreign Language Bilingual or Monolingual	Foreign Language Bilingual or Monolingual	Foreign Language Monolingual or AP, AP/DE	Foreign Language AP (elective)
Path College Career 9 th (1sem.) and Aerobic Activities (1sem.)	Technology Applications	SAT/ACT Preparation (1 sem.) and Speech (1 sem.) Physical Education (1 sem.) Fine Arts Course	*Electives – 2 or 3 credits to include any of the courses listed below (beyond requirements identified in this course sequence)
Principles of Health Science or Health Informatics	Anatomy & Physiology and Pathophysiology	Health Science Theory/Clinical Clinical Biomedical Lab Dental Assisting (Part 1) Diagnostics and Therapeutics Patient Care Skills Pharmacology Veterinary Assisting (Part 1)	Practicum Health Science Dental Assisting (Part 2) Emergency Medical Technician Basic Certified Clinical Medical Assisting Nursing Assistant Pharmacy Technician Veterinary Assisting (Part 2)

*English, Mathematics, Science and Social Studies classes are required each of the four years. Pre-Calculus is a required math course.

*Advanced Placement classes are available in Art, English, Mathematics, Science, Social Studies and Spanish.

*Dual enrollment courses are available in the sophomore, junior and senior years.

*Technology Applications may include courses such as Computer Science, Digital Design and Media Production, 3-D Modeling and Animation, Web Design, Digital Communications in the 21st Century, Independent Study in Technology DE, Independent Study in evolving/emerging technologies.

*Writing courses may include Practical Writing, Path College Career 12th, Technical Writing and Creative Writing.

*Psychology, Sociology, Personal Financial Literacy, and Adventures in Outdoor Education are available during the junior and senior years.

*Fine Arts courses may include Art I, Art II, Theater I, Theater II or music elective.

*Foreign Language courses may include Spanish Language and Spanish Literature.

*Humanities may be taken in the freshman or sophomore year.

*Forensic Science may be taken after completion of an AP Science.

*An additional one semester Physical Education course must also be taken at any grade level. A certification for Personal Trainer may be earned through enrollment in Exercise Physiology at the junior or senior level (elective).

South Texas ISD World Scholars

Located in Edinburg, Texas



South Texas ISD

**World
Scholars**

GRADES 9-12 | EDINBURG



South Texas ISD

**World
Scholars**

GRADES 9-12 | EDINBURG



Course Sequence 2020-2021

English	Math	Science	Social Studies
English I PreIB English II PreIB English III PreIB IB English III HL IB English IV SL/HL UTRGV Engl 1301 UTRGV Engl 1302 UTRGV Engl 2321/ 2326/ 2331/ 2341/ 2351 College Transition	Algebra I PreIB Geometry I PreIB Algebra II PreIB Pre-Calculus PreIB Calculus PreIB Statistics PreIB IB Mathematics SL/HL Independent Studies in Math (Dual)	Biology PreIB Chemistry PreIB Physics PreIB Envir. Science PreIB IB Chem SL Y1/Y2 IB Bio SL Y1/Y2 IB Env Sys & Societies SL Y1/Y2	World Geography PreIB World History PreIB US History PreIB IB HOA HL Government PreIB Economics PreIB UTRGV/Hist 1301 UTRGV/Hist 1302 UTRGV POLS 2305 UTRGV ECON 2301 OR 1301 IB Geography SL/HL Personal Financial Literacy Psychology
Electives			Foreign Language
Marketing Entrepreneurship Social Media Marketing/Advertising Sports and Entertainment Marketing Information Technology Principles of Cybersecurity Arts AV Tech Animation I Video Game Design Principles of Arts, Audio/Video Technology, and Communications Audio/Video Production I Video Game Programming Business Management Business Information Management I Business Information Management II Dollars and Sense Hospitality and Tourism Introduction to Culinary Arts Culinary Arts Food Science PreIB Photojournalism I II Yearbook I, II	STEM Food Science PreIB IB Computer Science SL/HL IB Information Technology in a Global Society SL/HL Game Programming and Design IB Design Technology SL- IB Design Technology/HL IB Sports Exercise and Health Science SL/HL Law, Public Safety, Corrections, and Security Law Enforcement I Law Enforcement II Court Systems and Practices Forensic Psychology Robotics	Additional International Baccalaureate Courses IB Psychology Standard Level (SL/HL) IB Social and Cultural Anthropology Standard Level (SL/HL) IB World Religions Standard Level (SL/HL) IB Global Politics Standard Level (SL/HL) IB Visual Arts SL/HL IB Film SL/HL IB Philosophy SL/HL Theory of Knowledge	Chinese 1-2 Advanced Language for Career Applications Spanish 1,2,3 PreIB IB Spanish (SL/HL) IB Language Ab Initio
Fine Arts		Physical Education	
Art I, II Theatre I, II, III, IV Band I, II, III, IV Choir I, II, III, IV Marachi I, II, III, IV UTRGV Arts 1301		Individual/Team Sports Aerobic Activity	

SL: Standard Level
HL: Higher Level

Y1: Year 1
Y2: Year 2



Important Dates

- **January 15, 2021**---STISD High Schools virtual presentation
- **February 8-12, 2021**---Online High School Selection Process for 2021-2022 school year



Class Ranking



The district shall include in the calculation of class rank semester grades earned in high school credit courses taken in grades 9-12 only.

The calculation shall include failing grades.

The calculation of class rank shall exclude:

- ✓ Grades earned in summer school courses not taken in the district
- ✓ local credit courses
- ✓ any distance learning course unless the course is either assigned to the student by the district or through a signed memorandum of understanding between the district and an outside organization
- ✓ courses taken in any nonaccredited school or through credit by examination with or without instruction.





Weighted Numerical Grade Average



The district shall assign weights to semester grades, including failing grades, earned in eligible courses and calculate a weighted numerical grade average in accordance with the following:

International Baccalaureate	Multiplied by 1.15
Advanced (AP, dual credit, and independent study courses)	Multiplied by 1.10
Honors	Multiplied by 1.05
College Preparation	Multiplied by 1.00

The district shall record unweighted numerical grades on student transcripts.



Top 10% Rule

- With the exception of UT Austin, all public universities in Texas accept—once student applies—any student who graduates in the top 10% of the high school senior class.
- For class of 2021, students must rank in top 6% to be admitted to UT Austin.
- Students must graduate on the Foundation Program with Distinguished Level of Achievement to be eligible for the Top 10% Admission Rule

Preparing for College starts now!

- Taking Rigorous courses
- Getting involved in extracurricular activities
- Exploring areas of college and career interests
- Building a resume

4 year plan- planning tool for you

- Review HS courses each year with your HS Counselor

NAME: _____
(Print) Last First MI Student ID # Year Entering HS Current Grade

RSA 2020-2021

HIGH SCHOOL FOUR YEAR PLAN for Students Entering 9th Grade in 2019 and beyond

FOUNDATION HIGH SCHOOL PROGRAM WITH ENDORSEMENTS AND DISTINGUISHED LEVEL OF ACHIEVEMENT

High School Selection

Endorsement/Program of Study:

_____ Multidisciplinary Studies
_____ STEM
_____ Business & Industry
_____ Public Services
_____ Arts & Humanities

My Post-High School Plans

include:

_____ Technical training
_____ Two-year college
_____ Four-year college
_____ Military
_____ Employment
_____ Other

Credit Requirements—28 total	
English Lang. Arts: 4	Physical Ed.: 1
Mathematics: 4	Languages Other
Science: 4	Than English (LOTE) 2
Social Studies: 4	Fine Arts: 1
*required electives STISD	Other Electives
	Electives:

HS Credits in Jr. High	Total		
Alg I	1.0		

EE=Endorsement Elective

9TH GRADE	Credit	10TH GRADE	Credit	11TH GRADE	Credit	12TH GRADE	Credit
Eng I or Eng II	1.0	Eng II or Eng III	1.0	Eng III or Eng IV	1.0	Eng IV or Adv. Eng	1.0
Geometry	1.0	Alg II*	1.0	Pre Cal or Adv. Math	1.0	Calculus/adv. math	1.0
Chemistry	1.0	Physic/advanced science	1.0	Advanced Science	1.0	Advanced Science	1.0
WGeog	1.0	W. History	1.0	US History (EOC)	1.0	Gov/Eco	1.0
LOTE I	1.0	LOTE II	1.0	Elective	1.0	Elective	1.0
PE	1.0	Fine Arts	1.0	EE	1.0	EE	1.0
EE	1.0	EE	1.0	EE	1.0	EE	1.0
EE	1.0	EE	1.0	EE	1.0	EE	1.0

(EOC)—End of Course Assessment is required

*Course is required for the Distinguished Level of Achievement

Helpful Resources

District Website

www.collegeboard.org

www.bigfuture.collegeboard.org

www.collegeforalltexans.com

www.careersandcolleges.com

www.texasoncourse.org

High School Counselor-Schedule, Courses, etc.



Questions?