

2018-19

SSHS Graduation Plan & Endorsement
Selection Guide



Sulphur Springs High School

Last updated: 12/6/17

Endorsement & Career Pathway Selection Guide

The Sulphur Springs High School Endorsement and Career Pathway Selection Guide is designed to help students and parents make informed decisions about planning for the future. The information in this guide is a great start to that process!

This guide provides information about the high school graduation requirements and descriptions of each endorsement/career pathway. Career and education requirements, local employment needs, and certifications and licensures offered in each career area are also included.

IMPORTANT!

Be sure to contact the Director of College and Career Readiness or a guidance counselor about the important decisions that you will be making.

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Graduation Requirements for Students Entering 9th Grade

The 83rd Texas Legislature passed House Bill 5 into law changing the high school graduation plans for all students who were freshman during the 2014-15 school year and thereafter. The change requires a direct focus on College and Career Readiness and allows flexibility to meet the needs of each individual student. The graduation requirements include:

1. **Achieve mastery of End of Course Exams (EOC)** in: English I, English II, Algebra I, Biology, and U.S. History.
2. **Complete all requirements from the Foundation High School Plan (FHSP)** – Basic course credits that all students must complete.
3. **Complete all requirements for a minimum of one Endorsement** – Additional credits required to pursue college and/or career goals.

Students must declare their preferred Endorsement(s) in writing by the beginning of their 9th grade year. Students may change their Endorsement(s) with parental notification during their 9th grade year or at the beginning of their 10th grade year. By the end of the student's 10th grade year, no endorsement changes can be made.

Credits Required to Graduate:

Sulphur Springs High School requires students to earn 27 credits on the Foundation High School Plan with an Endorsement:

SSHS Foundation High School Plan with Endorsement	27 Credits
English Language Arts	4
Mathematics	4
Science	4
Social Studies	4
Foreign Language	2
Fine Arts	1
Physical Education	1
Technology	1
Personal Health & Finance (Lifetime Nutrition & Wellness/Dollars & Sense)	1
Electives (4 must satisfy Endorsement curriculum requirements)	5
Total Credits	27

The Texas Education Code, Section 28.025(b), allows a student to graduate under the Foundation High School Program without earning an endorsement if, after the student's sophomore year, the student and the student's parent/guardian are notified of the benefits of graduating with an endorsement and the student's parent/guardian gives written permission for the student to opt out of an endorsement. The benefits of graduating with an endorsement are available in the Graduation Toolkit, produced in partnership by the Texas Education Agency, the Texas Higher Education Coordinating Board, and the Texas Workforce Commission. This document can be found at <https://tea.texas.gov/WorkArea/DownloadAsset.aspx?id=51539608601>. A Spanish version can be found at <https://tea.texas.gov/WorkArea/DownloadAsset.aspx?id=51539612909>. Under the Foundation High School Plan without an endorsement, students are required to complete 27 credits to graduate as listed below:

Foundation High School Plan Credit Requirements				(27 Credits)	
English	4 Credits	Social Studies	3 Credits	Physical Education	1 Credit
Mathematics	3 Credits	Foreign Language	2 Credits	Technology	1 Credit
Science	3 Credits	Fine Arts	1 Credit	Personal Health & Finance	1 Credit
				Electives	8 Credits

Personal Graduation Plans (PGP)

Each student must have a four-year Personal Graduation Plan (PGP) created during the spring of 8th grade with the help of his/her guidance counselor. Parent participation is VITAL. Parents should meet with their child's guidance counselor to discuss the plan and are required to approve the plan and their child's Endorsement selection in writing. Each year the PGP will be reviewed with the student.

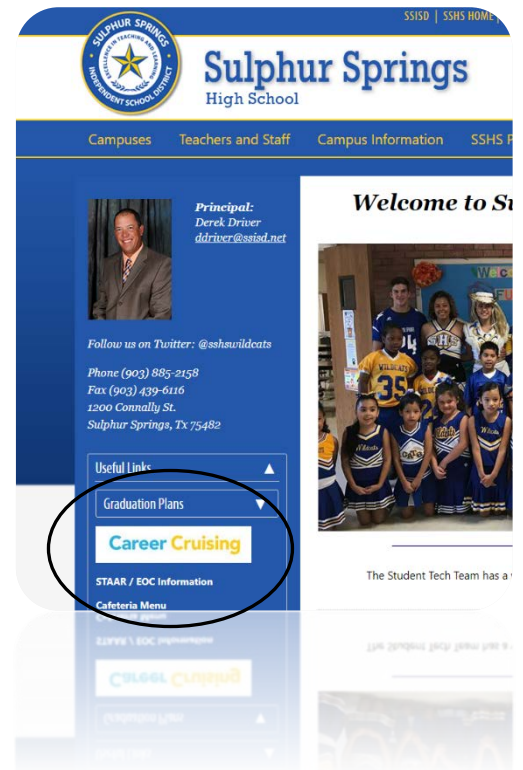
8th Grade High School Success Class

Students will choose their Endorsements after researching personal interests, careers, Endorsement options and long-term career goals in the 8th Grade High School Success sessions conducted in the fall semester during English classes with counselors from both the Middle School and High School campuses.

Career Cruising

Students' four-year Personal Graduation Plan will be completed online through Career Cruising and is accessible to the student, parents, and guidance counselors. To access Career Cruising, go to www.ssisd.net and select the Campuses link. Choose Sulphur Springs High School. The Career Cruising link is located on the left-hand side of the screen under the "Useful Links". Students will log in with their student IDs and a unique password that they will create.

Once students have selected their Endorsement(s), guidance counselors will enter their Endorsement selections into Career Cruising. Students can track their progress in completing graduation and Endorsement requirements within the Career Cruising system.



Course Levels

1) **STANDARD** – This level is NOT weighted. Courses that are considered Standard courses are:

- PSP - Post-Secondary Prep

2) **HONORS** – This level is weighted at 0.5 above the Standard weight. Courses that are considered Honors courses are:

- CP - College Prep
- DC – Dual Credit
- Concurrent Credit

3) **ADVANCED PLACEMENT (AP)** – This level is weighted at 1.0 above the Standard weight. Courses that are considered AP will be labeled as such:

- AP – Advanced Placement

Distinguished Level of Achievement & Performance Acknowledgements

Students may earn a **Distinguished Level of Achievement** by successfully completing the following:

- a total of four credits in mathematics, **which must include Algebra II**
- a total of four credits in science
- the remaining curriculum for the Foundation High School Plan
- the curriculum requirements for at least one Endorsement

***A student must earn a Distinguished Level of Achievement to be eligible for top 10% automatic admission.*

A student may earn a **Performance Acknowledgement** on the student's diploma and transcript for outstanding performance in the following areas:

- Earning dual credit
- Exhibiting bilingualism and bi-literacy
- Performing well on the SAT or ACT
- Earning a nationally or internationally recognized certification or licensure.

The details for earning **Performance Acknowledgements** in each area are outlined below:

- In a **dual credit course** by successfully completing:
 1. At least 12 hours of college academic courses, including those taken for dual credit as part of the Texas core curriculum and advanced technical credit courses with a grade of the equivalent of 3.0 or higher on a scale of 4.0 **OR**
 2. Earning an Associate's Degree while in high school.
- In **bilingualism and biliteracy** by demonstrating proficiency in accordance with local school district grading policy in two or more languages by:
 1. Completing all English language arts requirements and maintaining a minimum grade point average (GPA) of the equivalent of 80 on a scale of 100; **AND**
 2. Satisfying one of the following:
 - Completion of a minimum of three credits in the same language in a language other than English with a minimum GPA of the equivalent of 80 on a scale of 100; **OR**
 - Demonstrated proficiency in the Texas Essential Knowledge and Skills for Level IV or higher in a language other than English with a minimum GPA of the equivalent of 80 on a scale of 100; **OR**
 - Completion of at least three credits in foundation subject area courses in a language other than English with a minimum GPA of 80 on a scale of 100; **OR**
 - Demonstrated proficiency in one or more languages other than English through one of the following methods:
 - A score of 3 or higher on a College Board AP exam for a language other than English; **OR**

- Performance on a national assessment of language proficiency in a language other than English of at least Intermediate High or its equivalent

In addition to meeting the requirements to earn a performance acknowledgement in bilingualism and biliteracy, an English Language Learner must also have:

- Participated in and met the exit criteria for a bilingual or English as a second language (ESL) program; **AND**
- Scored at the Advanced High level on the Texas English Language Proficiency Assessment System (TELPAS)
- On a **College Board Advanced Placement (AP) test** by:
 1. Earning a score of 3 or above.
- On the **PSAT®, the ACT-PLAN, the SAT®, or the ACT®** by:
 1. Earning a score on the Preliminary SAT/National Merit Scholarship Qualifying Test (PSAT/NMSQT®) that qualifies the student for recognition as a commended scholar or higher by the College Board and National Merit Scholarship Corporation, as part of the National Hispanic Recognition Program (NHRP) of the College Board or as part of the National Achievement Scholarship Program of the National Merit Scholarship Corporation
 2. Achieving the college readiness benchmark score on at least two of the four subject tests on the ACT-PLAN® examination
 3. Earning a combined critical reading and mathematics score of at least 1250 on the SAT®; or
 4. Earning a composite score on the ACT® examination of 28 (excluding the writing subscore)
- Earning a **nationally or internationally recognized business or industry certification or license**:
 - Certifications that shall be defined as an industry validated credential that complies with knowledge and skills standards promulgated by a nationally or internationally recognized business, industry, professional, or government entity representing a particular profession or occupation that is issued by or endorsed by:
 - A national or international business, industry, or professional organization; or
 - A state agency or other government entity; or
 - A state-based industry association
 - Certifications or licenses for performance acknowledgement shall:
 - Be age appropriate for high school students; and
 - Represent a student’s substantial course of study and /or end-of-program knowledge and skills; and
 - Include an industry recognized examination or series of examinations, an industry validated skill test, or demonstrated proficiency through documented, supervised field experience; and
 - Represent substantial knowledge and multiple skills needed for successful entry into a high-skill occupation

Certifications Currently Offered to Meet Performance Acknowledgement Criteria:

AAFCS – Education Fundamentals	Certified Nurse Assistant - CNA
AAFCS – Pre-Professional Certification in Culinary Arts	Clinical Medical Assistant - CMA
Adobe Certified Associate - Photoshop	Floral Design Level 1
AllDATA Automotive Specialist	Emergency Medical Technician - EMT
American Welding Society – SENSE Welding	Microsoft Office Specialist

Course Selection Guide Worksheet – Foundation High School Plan with Endorsement

Use the following worksheet to select courses for your Foundation High School Plan with Endorsement.

	9 th Grade	10 th Grade	11 th Grade	12 th Grade
<p><i>English Language Arts</i> 4 Credits</p>	<input type="checkbox"/> English I PSP <input type="checkbox"/> English I CP	<input type="checkbox"/> English II PSP <input type="checkbox"/> English II CP	<input type="checkbox"/> English III PSP <input type="checkbox"/> English III CP <input type="checkbox"/> English III AP	<input type="checkbox"/> English IV PSP <input type="checkbox"/> English IV CP <input type="checkbox"/> English IV Dual Credit <input type="checkbox"/> English IV AP
<p><i>Mathematics</i> 4 Credits</p> <p><i>Algebra II satisfies requirement for Distinguished Level of Achievement</i></p>	<input type="checkbox"/> Algebra I PSP <p>For students who earned Algebra I credit in 8th grade:</p> <input type="checkbox"/> Geometry PSP (Prerequisite: Algebra I) <input type="checkbox"/> Geometry CP (Prerequisite: Algebra I)	<input type="checkbox"/> Geometry PSP <input type="checkbox"/> Geometry CP <input type="checkbox"/> Algebra II PSP (Prerequisite Geometry) <input type="checkbox"/> Algebra II CP (Prerequisite Geometry)	<input type="checkbox"/> Algebra II PSP <input type="checkbox"/> Algebra II CP <input type="checkbox"/> Pre-Calculus PSP (Prerequisite Algebra II) <input type="checkbox"/> Pre-Calculus CP (Prerequisite Algebra II)	<input type="checkbox"/> Pre-Calculus PSP <input type="checkbox"/> Pre-Calculus CP <input type="checkbox"/> AP Computer Science <input type="checkbox"/> AP Calculus <input type="checkbox"/> AP Statistics <input type="checkbox"/> College Algebra/College Statistics
<p><i>Science</i> 4 Credits</p>	<input type="checkbox"/> Integrated Physics & Chemistry PSP <p>Best for students who earned Algebra I credit in 8th grade:</p> <input type="checkbox"/> Biology PSP (Prerequisite Algebra I) <input type="checkbox"/> Biology CP (Prerequisite Algebra I)	<input type="checkbox"/> Biology PSP <input type="checkbox"/> Biology CP <input type="checkbox"/> Chemistry PSP (Prerequisite Biology) <input type="checkbox"/> Chemistry CP (Prerequisite Biology)	<input type="checkbox"/> Chemistry PSP <input type="checkbox"/> Chemistry CP <input type="checkbox"/> AP Chemistry (Prerequisite Chemistry PSP or CP) <input type="checkbox"/> Physics PSP (Prerequisite Chemistry) <input type="checkbox"/> Physics CP (Prerequisite Chemistry) <input type="checkbox"/> Concurrent Biology	<input type="checkbox"/> Physics PSP <input type="checkbox"/> Physics CP <input type="checkbox"/> Advanced Animal Science <input type="checkbox"/> Advanced Plant & Soil <input type="checkbox"/> Anatomy & Physiology CP <input type="checkbox"/> AP Biology <input type="checkbox"/> AP Chemistry <input type="checkbox"/> Concurrent Biology <input type="checkbox"/> Forensic Science

	9 th Grade	10 th Grade	11 th Grade	12 th Grade
<i>Social Studies</i> 4 Credits	<input type="checkbox"/> World Geography PSP <input type="checkbox"/> World Geography CP	<input type="checkbox"/> World History PSP <input type="checkbox"/> World History CP	<input type="checkbox"/> U.S. History PSP <input type="checkbox"/> U.S. History CP <input type="checkbox"/> AP U.S. History <input type="checkbox"/> Dual Credit U.S. History	<input type="checkbox"/> U.S. Government PSP (1/2) <input type="checkbox"/> Dual Credit U.S. Government (1/2) AND <input type="checkbox"/> Economics PSP (1/2) <input type="checkbox"/> Dual Credit Economics (1/2)
<i>Foreign Language</i> 2 Credits <i>Fine Arts</i> 1 Credit <i>Personal Health & Finance</i> 1 Credit	<i>Foreign Language I Credit</i> <input type="checkbox"/> Spanish I PSP <input type="checkbox"/> Spanish I CP OR <input type="checkbox"/> French I PSP <input type="checkbox"/> French I CP <i>Foreign Language credits may also be taken in the 10th and 11th grade years instead of 9th and 10th grade years. Simply choose them as electives in those years and the Foreign Language Credits will appear.</i>	<i>Foreign Language II Credit</i> <input type="checkbox"/> Spanish II PSP <input type="checkbox"/> Spanish II CP OR <input type="checkbox"/> French II PSP <input type="checkbox"/> French II CP	<i>Fine Art Credit</i> <input type="checkbox"/> Art I <input type="checkbox"/> Concert Band (2 years req.) <input type="checkbox"/> Choir <input type="checkbox"/> Dance I <input type="checkbox"/> Music History <input type="checkbox"/> Floral Design <input type="checkbox"/> Stage Band – Jazz <input type="checkbox"/> Strings <input type="checkbox"/> Theatre Arts I <i>Fine Arts credit may be taken any year.</i>	<i>Personal Health & Finance Credit</i> <input type="checkbox"/> Lifetime Nutrition & Wellness (1/2) AND <input type="checkbox"/> Dollars & Sense (1/2) <i>These credits may also be taken in the 11th or 12th grade year.</i>
<i>Physical Education</i> 1 Credit <i>Technology</i> 1 Credit <i>Electives</i> 2 Credits	<i>Physical Education Credit</i> <input type="checkbox"/> Athletic Trainer <input type="checkbox"/> Marching Band (2 years req.) <input type="checkbox"/> Cheerleading <input type="checkbox"/> PE <input type="checkbox"/> Pre-Drill <input type="checkbox"/> Athletics _____	<i>Technology Credit</i> <input type="checkbox"/> Business Information Management I <input type="checkbox"/> Computer Programming <input type="checkbox"/> Digital Media <input type="checkbox"/> Graphic Design <input type="checkbox"/> Video Production I	<i>Choice of Elective 1 Credit</i> _____	<i>Choice of Elective 1 Credit</i> _____
Endorsement Sequence 4-7 Credits	Endorsement Course 1 _____	Endorsement Course 2 _____	Endorsement Course 3 _____	Endorsement Course 4 _____
<i>Elective Options</i>	Elective Option _____	Elective Option _____	Elective Option _____	Elective Option _____
Total Credits 32	8 Credits	8 Credits	8 Credits	8 Credits

Five Main Endorsement Areas

1. **Arts & Humanities:** Includes courses directly related to political science, world languages, cultural studies, English literature, history, and fine arts.
2. **Business & Industry:** Highly varied occupations in both service and manufacturing industries ranging from industrial and technical trades to business, marketing and finance.
3. **Multidisciplinary:** Allows students to select courses from the curriculum of each endorsement area and earn credits in a variety of advance courses from multiple content areas sufficient to complete the distinguished level of achievement.
4. **Public Service:** Service-oriented occupations for both private and public sector industries including health sciences, education and training, law enforcement, and human services.
5. **STEM:** Rigorous coursework and occupations centered on applied science, mathematics, and technology.

Choosing an Endorsement

Arts & Humanities Areas	Business & Industry Career Areas	Public Service Career Areas	STEM Areas
<u>Art</u>	<u>AG Animal Science</u>	<u>Education & Training</u>	<u>Math</u>
<u>Dance</u>	<u>AG Plant Science</u>	<u>Enhanced Nurse Aide Certificate (PJC)</u>	<u>Science</u>
<u>French</u>	<u>AG Structural Steel Welding Certificate PJC</u>	<u>Health Science</u>	<u>Robotics</u>
<u>Spanish</u>	<u>AG Welding</u>	<u>Human Services</u>	
<u>Spanish & French</u>	<u>Architecture</u>	<u>Law & Public Safety</u>	
<u>Music Instrumental</u>	<u>Construction</u>		
<u>Music Vocal</u>	<u>Arts, AV Broadcast News</u>		
<u>Social Studies</u>	<u>Arts, AV Journalism</u>		
<u>Theatre Arts</u>	<u>Video Game Design</u>		
	<u>Business Management & Administration</u>		
	<u>Business Medical Management & Billing Certificate PJC</u>		
	<u>Office/Computer Applications Certificate PJC</u>		
	<u>Accounting</u>		
	<u>Office Accounting Certificate PJC</u>		
	<u>Culinary Arts</u>		
	<u>IT Business Computer Applications Certificate PJC</u>		
	<u>Digital Media</u>		
	<u>Computer Programming</u>		
	<u>Marketing</u>		
	<u>Auto Repair</u>		
<u>Multidisciplinary Studies</u>			

Articulated Course Credits

Articulated course credit allows high school students to receive college credit for technical courses they completed while in high school. The articulation process eliminates the need for duplication of courses at the college level. Articulated credit is absolutely FREE! Students can take up to 15 credit hours of articulated credit that saves in the form of time and college tuition and fees.

Articulation Agreement with Paris Junior College (PJC)

Sulphur Springs High School has articulation agreements with Paris Junior College (PJC) for several high school Career & Technical Education (CTE) courses. There are requirements in order for students to earn the articulated credits through PJC. Those requirements are:

1. Must meet all college admission requirements.
2. Must have graduated from high school on the Recommended Graduation Plan or Foundation High School Plan with an Endorsement.
3. Must select and have an approved college AAS or Certificate Degree Plan on file with PJC.
4. Must have completed the specified high school course(s) with a minimum grade of 80.
5. Must be currently enrolled in PJC and have completed twelve (12) semester hours of credit (which can include dual credit/concurrent credit coursework taken in high school).
6. Request for college credit to be granted for the articulated courses within fifteen (15) months from the date of high school graduation.

Articulated Courses

SSHS Course	PJC Course	SSHS Course	PJC Course	SSHS Course	PJC Course
Accounting I	ACNT 1311	Health Science Theory	HPRS 1102	Web Technologies	IMED 1316
Accounting II	ACNT 1303	Medical Terminology	HITT 1305	Business Law AND Principles of Business, Marketing & Finance	BUSG 1301
Ag Mechanics & Metal Technologies	WLDG 1313	Money Matters AND Principles of Business, Marketing & Finance	BUSG 1304	Welding I	WLDG 1307
Anatomy & Physiology	MDCA 1309	Principles of Health Science	HPRS 1201	Welding II	WLDG 1428 + 1417 + WLDG 1457 taken as dual credit
Business Information Management (BIM) I AND BIM II	ITSC 1309	Principles of Information Technology	ITSC 1301		

Certification Programs

Sulphur Springs High School in conjunction with Paris Junior College (PJC) offer several endorsements that will result in students earning Certifications. Courses taken through these endorsements will contain courses that articulate with PJC and, in some cases, are available through concurrent courses that can be taken while enrolled in the Practicum high school courses.

Endorsements Leading to PJC Certifications:

- Business & Industry Endorsement – AG Structural Steel Welding Certificate
- Business & Industry Endorsement – Business Medical Management & Billing Certificate
- Business & Industry Endorsement – Office/Computer Applications Certificate
- Business & Industry Endorsement – Office Accounting Certificate
- Business & Industry Endorsement – IT Business Computer Applications Certificate
- Public Service Endorsement – Enhanced Nurse Aide Certificate

Arts & Humanities Endorsements

The Arts & Humanities Endorsement allows students to follow their interests in fine arts, foreign language or the general humanities.

Fine Arts Requirements: A coherent sequence of four credits by selecting courses from one or two categories or disciplines in fine arts.

Foreign Language Requirements: Four levels of the same language or two levels of each of the foreign languages offered.

Social Studies Requirements: Completion of five social studies credits.
Endorsement electives may serve as Foundation electives as well.

Arts & Humanities Focus Areas	Course Sequence
Art (4 credits) <i>Career Requirements: Bachelor's Degree +</i>	9th Grade: Art I (Fine Arts Credit) 10th Grade: Art II 11th Grade: Art III 12th Grade: Art IV
Dance (4 credits) <i>Career Requirements: Bachelor's Degree +</i>	9th Grade: Dance I (Fine Arts Credit) 10th Grade: Dance II 11th Grade: Dance III 12th Grade: Dance IV
Foreign Language - French (4 credits) <i>Career Requirements: Bachelor's Degree +</i>	9th Grade: French I CP (Foreign Language Credit) 10th Grade: French II CP (Foreign Language Credit) 11th Grade: French III CP 12th Grade: French IV CP
Foreign Language - Spanish (4 credits) <i>Career Requirements: Bachelor's Degree +</i>	9th Grade: Spanish I CP (Foreign Language Credit) 10th Grade: Spanish II CP (Foreign Language Credit) 11th Grade: Spanish III CP 12th Grade: Spanish IV CP
Foreign Language - Spanish & French (4 credits) <i>Career Requirements: Bachelor's Degree +</i>	9th Grade: Spanish I PSP or CP (Foreign Language Credit) 10th Grade: Spanish II PSP or CP (Foreign Language Credit) 11th Grade: French I PSP or CP 12th Grade: French II PSP or CP


<p>Music Instrumental (4 credits) <i>Career Requirements: Bachelor's Degree +</i></p>	<p>9th Grade: Marching Band (1/2 PE Credit) AND Concert Band (1/2 Fine Arts Credit) OR Stage Band Jazz OR Strings 10th Grade: Marching Band (1/2 PE Credit) AND Concert Band (1/2 Fine Arts Credit) OR Stage Band Jazz OR Strings 11th Grade: Marching Band AND Concert Band OR Stage Band Jazz OR Strings 12th Grade: Marching Band AND Concert Band OR Stage Band Jazz OR Strings</p>
<p>Music Vocal (4 credits) <i>Career Requirements: Bachelor's Degree +</i></p>	<p>9th Grade: Music History OR Choir (Fine Art Credit) 10th Grade: Choir (Wildcat Singers, Wildcat Chorale, Bella Voce, Rhapsody) 11th Grade: Choir (Wildcat Singers, Wildcat Chorale, Bella Voce, Rhapsody) 12th Grade: Choir (Wildcat Singers, Wildcat Chorale, Bella Voce, Rhapsody)</p>
<p>Social Studies (5 credits – 4 already satisfy Foundation Plan) <i>Career Requirements: Bachelor's Degree +</i></p>	<p>9th Grade: World Geography 10th Grade: World History 11th Grade: US History 12th Grade: US Government/Economics AND 5th Endorsement Social Students Credit – <u>Choose two</u> (for 1 Credit Total):</p> <ul style="list-style-type: none"> ● Psychology PSP (1/2 Credit) ● Sociology (1/2 Credit) ● Old Testament Studies (1/2 Credit) ● New Testament Students (1/2 Credit)
<p>Theatre Arts (4 credits)</p>	<p>9th Grade: Theatre Arts I OR Technical Theatre I (Fine Art Credit) 10th Grade: Theatre Arts II OR Technical Theatre II 11th Grade: Theatre Arts III OR Technical Theatre III 12th Grade: Theatre Arts IV OR Technical Theatre IV</p>

Business & Industry Endorsements

Encompassing a wide range of career fields, the Business & Industry Endorsements prepare students for the workplace, a technical education or a four-year university depending on the program and interests of the student. Several career focus areas lead to an industry certification providing employment opportunities upon graduation.

Business & Industry Requirements: A minimum of four or more credits in Career & Technical Education (CTE) courses with at least two in the same career cluster, one advanced course, and the final course should be from the same career cluster named in the Endorsement area.

Advanced level courses are identified with an asterisk ().*

Business & Industry Focus Areas	Course Sequence
	
<p>AG Animal Science (4-5 credits) <i>High School Industry Recognized Certifications Opportunity:</i> Certified Veterinary Assistant, Texas Beef Quality Assurance</p> <p><i>Career Goal:</i> Veterinarian, Veterinary Assistant, Veterinary Technologist</p> <p><i>CTE Student Organization:</i> Texas FFA Association</p>	<p>9th Grade: Principles of Agriculture, Food & Natural Resources (1 Credit)</p> <p>10th Grade: Small Animal Management (1/2 Credit) AND Equine Science (1/2 Credit) OR Livestock Production (1 Credit)</p> <p>11th Grade: *Veterinary Medical Applications (1 credit)</p> <p>12th Grade: *Practicum in AFNR (2 Credits) AND/OR *Advanced Animal Science (4th Science Credit)</p>
<p>Ag Plant Science (4-5 credits) <i>High School Industry Recognized Certifications Opportunity:</i> Private Floral Design Certification – Level 1</p> <p><i>Career Goal:</i> Floral Designer, Greenhouse Manager, Floral Department Supervisor, Horticulturist</p> <p><i>CTE Student Organization:</i> Texas FFA Association</p>	<p>9th Grade: Principles of Agriculture, Food & Natural Resources (1 Credit)</p> <p>10th Grade: Floral Design (Fine Art Credit)</p> <p>11th Grade: *Horticulture Science (1 Credit)</p> <p>12th Grade: *Practicum in AFNR (2 Credits) OR *Advanced Plant & Soil Science (4th Science Credit)</p>



Structural Steel Welding Certificate (PJC)

(8 credits)

High School Industry Recognized Certifications Opportunity:

Structural Steel Welding Certification (PJC)

Career Goal:

Welder and Cutter, Agricultural Engineer, Welder Fitter

CTE Student Organization: Texas FFA Association

9th Grade: Principles of Agriculture, Food & Natural Resources (1 Credit)

10th Grade: Agriculture Mechanics & Metal Technologies (1 Credit - Articulated PJC Credit)

11th Grade: Welding I (2 Credits - Articulated PJC Credit)

12th Grade: *Welding II (2 Credits - Articulated PJC Credit) **AND** *Practicum in Manufacturing (2 Credits – Dual Credit)

Welding

(6 credits)

High School Industry Recognized Certifications Opportunity:

OSHA and AWS Sense Certification

Career Goal:

Welder and Cutter, Agricultural Engineer, Welder Fitter

CTE Student Organization: Texas FFA Association

✓ **FASTEST GROWING**

9th Grade: Principles of Agriculture, Food & Natural Resources (1 Credit)

10th Grade: Agriculture Mechanics & Metal Technologies (1 Credit)

11th Grade: Welding I (2 Credits)

12th Grade: *Welding II (2 Credits)



Architecture

(5 credits)

High School Industry Recognized Certifications Opportunity:
OSHA

Career Goal:

Architect, Civil/Structural Engineer, Landscape Architect

CTE Student Organization: Skills USA

9th Grade: Principles of Architecture (1 Credit)
10th Grade: Interior Design (1 Credit)
11th Grade: Architectural Design I (1 Credits)
12th Grade: *Architectural Design II (2 Credits)

Construction

(7-8 credits)

High School Industry Recognized Certifications Opportunity:
OSHA

Career Goal: Construction Manager, Construction Foreman,
Project Manager, Cost Estimator, Equipment/Material
Manager

CTE Student Organization: Skills USA

- ✓ **HIGHEST WAGE**
- ✓ **FASTEST GROWING**

9th Grade: Principles Construction (1 Credit)
10th Grade: Construction Technology I (2 Credits)
 or Interior Design (1 Credit)
11th Grade: Construction Technology I or II (2
 Credits)
12th Grade: *Construction Technology II or
 *Practicum in Construction Technology
 (2 Credits)



Broadcast News

(6 credits)

High School Industry Recognized Certifications Opportunity:
 Adobe Certified Associate Premier Professional

Career Goal:

Broadcast Technician, Audio/Video Equipment Technician, Sound Engineer Technician, Camera Operator, Film Editor, Radio/TV Announcer, Producer/Director, Reporter/Correspondent

CTE Student Organization: Business Professionals of America

- 9th Grade:** Principles of Arts, A/V Technology & Communications (1 Credit)
- 10th Grade:** Audio/Video Production (1 Technology Credit)
- 11th Grade:** *Audio/Video Production II (2 Credits)
- 12th Grade:** *Practicum in Audio/Video Production (2 Credits and Internship Opportunity)

Graphic Design Journalism

(5 credits)

High School Industry Recognized Certifications Opportunity:
 Adobe Certified Expert Illustrator, Adobe Certified Associate Photoshop

Career Goal:

Journalist, Professional Photographer, Graphic Designer

Student Organizations: Business Professionals of America, UIL Journalism

- 9th Grade:** Principles of Arts, A/V Technology & Communications (1 Credit)
- 10th Grade:** Commercial Photography (1 Credit)
- 11th Grade:** Graphic Design & Illustration for Journalism I (1 Credit)
- 12th Grade:** *Graphic Design & Illustration II (2 Credits)

Video Game Design

(4 Credits)

Career Goal:

Video Game Designer

Student Organizations: Business Professionals of America

- 9th Grade:** Principles of Arts, A/V Technology & Communications (1 Credit)
- 10th Grade:** Graphic Design OR Digital Media (1 Credit)
- 11th Grade:** Animation (1 Credit)
- 12th Grade:** *Video Game Design (1 Credit)



Business Management & Administration

(6 credits)

High School Industry Recognized Certifications Opportunity:
Microsoft Office Specialist in Word, Excel, Access, and PowerPoint

Career Goal:

Executive, Administrative Services Manager, Operations Manager, Office Manager, Business Owner

Student Organization: Business Professionals of America, UIL Accounting, UIL Computer Applications

9th Grade: Principles of Business Marketing & Finance (1 Credit)

10th Grade: Virtual Business (1/2 Credit) AND Touch Systems (1/2 Credit) OR Professional Communications (1/2 Credit)

Required Technology Credit – Business Information Management I

11th Grade: Accounting I OR Business Information Management II

12th Grade: *Practicum in Business Management (2 Credits) OR *Career Preparation I (2 – 3 Credits with work release periods)

Medical Management & Billing Certificate (PJC)

(6 credits)

High School Industry Recognized Certifications Opportunity:
Microsoft Office Specialist in Word, Excel, Access, and PowerPoint

Career Goal:

Medical Secretary, Medical Billing

Student Organization: Business Professionals of America, UIL Accounting, UIL Computer Applications

9th Grade: Principles of Business Marketing & Finance (1 Credit)

10th Grade: Medical Terminology (1 Credit) AND Professional Communications (1/2 Credit) AND Touch Systems (1/2 Credit)

Required Technology Credit – Business Information Management I (1 Credit)

11th Grade: Accounting I (Articulated Credit)

12th Grade: *Business Information Management II (Articulated Credit with BIM I)

Office/Computer Applications Certificate (PJC)

(5 credits)

High School Industry Recognized Certifications Opportunity:
Microsoft Office Specialist in Word, Excel, Access, and PowerPoint

Career Goal:

Office Secretary, Administrative Assistant

Student Organization: Business Professionals of America, UIL Accounting, UIL Computer Applications

9th Grade: Principles of Business Marketing & Finance (1 Credit)

10th Grade: Accounting I (1 Credit) AND Business Information Management I (1 Technology Credit)

11th Grade: *Business Information Management II (Articulated Credit with BIM I)

12th Grade: *Business Law (Articulated Credit with Principles of BMF)



Accounting

(4 credits)

High School Industry Recognized Certifications Opportunity:
Microsoft Office Specialist Excel

Career Goal:

Accountant, Financial Manager, Financial Analyst,
Bookkeeper, Payroll/Accounts Receivable/Accounts
Payable Clerk

Student Organization: Business Professionals of America,
UIL Accounting

9th Grade: Principles of Business Marketing &
Finance (1 Credit)

10th Grade: Accounting I (1 Credit)

11th Grade: *Accounting II (4th Math Credit)

12th Grade: *Financial Analysis

Office Accounting Certificate (PJC)

(7 credits)

High School Industry Recognized Certifications Opportunity:
Microsoft Office Specialist Excel

Career Goal: Accountant, Financial Manager, Financial
Analyst, Bookkeeper, Payroll/Accounts
Receivable/Accounts Payable Clerk

9th Grade: Principles of Business Marketing &
Finance (1 Credit)

10th Grade: Money Matters (1 Credit) AND
Business Information Management I
(1 Technology Credit)

11th Grade: Accounting I (1 Credit) AND *Business
Information Management II (Elective
Credit)

12th Grade: *Accounting II (1 Credit) AND
*Business Law (Elective Credit)



Culinary Arts

(7 credits)

High School Industry Recognized Certifications Opportunity:
Texas Food Handler Certification, AAFCS – Pre-
Professional Culinary Arts Certification

Career Goal:

Chef, Head Cook

Student Organization: Family, Career and Community Leaders
of America (FCCLA), ProStart

9th Grade: Intro to Culinary Arts (1 Credit)

10th Grade: Culinary Arts (2 Credits)

11th Grade: *Advanced Culinary Arts (2 Credits)

12th Grade: *Practicum in Culinary Arts (2 Credits
and Internship Opportunity)

✓ **FASTEST GROWING**



IT Business Computer Applications Certificate (PJC)

(5 credits)

High School Industry Recognized Certifications Opportunity:

Microsoft Office Specialist in Word, Excel, Access, and PowerPoint

Career Goal:

Information Support, Database Administrator, Administrative Assistant

Student Organizations: Business Professionals of America (BPA), UIL Computer Applications

9th Grade: Principles of Information Technology (1 Articulated Credit)

10th Grade: Accounting I (1 Articulated Credit)
Required Technology Credit: Business Information Management I

11th Grade: *Business Information Management II (1 Articulated Credit with BIM I)

12th Grade: *Web Technologies (1 Credit)

Digital Media

(4-5 credits)

High School Industry Recognized Certifications Opportunity:

Adobe Certified Associate - Photoshop

Career Goal: Multimedia Artist and Animator, Multimedia Producer, Website Designer, Web Developer, Webmaster

Student Organizations:

Business Professionals of America (BPA)

9th Grade: Principles of Information Technology (1 Credit)

10th Grade: Digital Media (1 Technology Credit)

11th Grade: Animation (1 Credit)

12th Grade: *Web Technologies (1 Credit) OR
*Practicum in IT TECH TEAM (2 credits)

Computer Programming

(5 credits)

Career Goal: Code Programmer, Software Engineer, Computer Systems Engineer

Student Organizations:

Business Professionals of America (BPA), UIL Computer Programming

✓ **HIGHEST WAGE**

9th Grade: Principles of Information Technology (1 Credit)

10th Grade: Computer Programming I (1 Technology Credit)

11th Grade: *Computer Programming II (1 Credit)

12th Grade: *Practicum in IT (2 Credit)

Recommended 4th Math Credit – AP Computer Science



Marketing - Sales

(6 credits)

High School Industry Recognized Certifications Opportunity:
Microsoft Office Specialist in Word, Excel, Access, & PowerPoint

Career Goal: Sales Manager, E-Marketing, Management & Entrepreneurship, Advertising and Promotions Manager, Marketing Manager, Purchasing Manager

Student Organizations:

Business Professionals of America (BPA)

9th Grade: Principles of Business, Marketing and Finance (1 Credit)

10th Grade: Virtual Business (1/2 Credit) **AND** Professional Communications (1/2 Credit)

Required Technology Credit – BIM I

11th Grade: *Entrepreneurship (1 Credit)

12th Grade: *Career Prep I (2 Credits with one work release period)



Auto Repair

(6 credits)

High School Industry Recognized Certifications Opportunity:
OSHA Certification, ALLDATA Automotive Information Specialist

Career Goal: Automotive Service Technician, Mechanic, Automotive Specialty Technician

Student Organizations:

Skills USA

9th Grade: Principles of Transportation Systems (1 Credit)

10th Grade: Small Engine Technology OR Automotive Basics (1 Credit)

11th Grade: Automotive Technology I (2 Credits)

12th Grade: *Automotive Technology II (2 Credits)

OR *Practicum in Transportation Systems (2 Credits and Internship Opportunity)

✓ **HIGHEST WAGE**
FASTEST GROWING

Public Service Endorsements

The Public Service Endorsements prepare students for occupations in healthcare, public safety, education, and other service-oriented jobs. Many of the pathways in this Endorsement area offer opportunities to obtain work-force ready certifications and licensures or to continue to post-secondary institutions.

Public Service Requirements: A minimum of four credits, with some focus areas requiring 4+ credits.

Public Service Focus Areas

Course Sequence



Education and Training

(6 credits)

Career Goal: Teacher, Teacher's Aide, School Administrator, School Counselor, Early Childhood Educator, Childcare Director/Owner, Special Education Specialist, Corporate Trainer, Training & Development Manager

CTE Student Organization: Family, Career and Community Leaders of America (FCCLA)

- ✓ **HIGHEST WAGE**
- ✓ **FASTEST GROWING**
- ✓ **MOST OPENINGS**

9th Grade: Principles of Education & Training (1 Credit)

10th Grade: Child Development (1 Credit)

11th Grade: *Instructional Practices (2 Credits)

12th Grade: *Practicum in Education & Training (2 Credits with Internship Opportunities)



Enhanced Nurse Aide Certificate (PJC)

(6 credits)

High School Industry Recognized Certifications Opportunity:
CPR/AED Certification, Enhanced Nurse Aide (CNA) Certification

Career Goal: Certified Nurse Aide

CTE Student Organization: Health Occupations Students of America (HOSA)

9th Grade: Principles of Health Science (1 Articulated Credit)
10th Grade: Medical Terminology (1 Credit)
11th Grade: *Health Science Theory (1 Articulated Credit)
12th Grade: *Practicum in Health Science – CNA (2 Credits and Concurrent Credit NURA 1301)

Required 4th Science – Anatomy & Physiology

Health Science

(4-6 credits)

High School Industry Recognized Certifications Opportunity:
CPR/AED Certification, Certified Medical Assistant (CMA)

Career Goal: Medical Assistant, Registered Nurse, Physician, Surgeon, Dentist, EMT – Paramedic, Respiratory Therapist, Physical/Occupational Therapist, Healthcare Manager

CTE Student Organization: Health Occupations Students of America (HOSA)

- ✓ **HIGHEST WAGE**
- ✓ **FASTEST GROWING**
- ✓ **MOST OPENINGS**

9th Grade: Principles of Health Science (1 Articulated Credit)
10th Grade: *Health Science Theory (1 Credit)
11th Grade: *Practicum in Health Science I (2 Credits – Application Process) **OR** Medical Terminology (1 Credit)
12th Grade: *Practicum in Health Science II (2 Credits – Application Process) **AND/OR** *Anatomy & Physiology (1 Science Credit)



Human Services

(4 credits)

High School Industry Recognized Certifications Opportunity:
Microsoft Office Specialist in Word, Excel, Access, & PowerPoint

Career Goal:

Counselor, Marriage/Family Therapist, Personal Financial Advisor

Student Organization: Family, Career and Community Leaders of America (FCCLA)

9th Grade: Principles of Human Services (1 Credit)

10th Grade: Business Information Management I (1 Technology Credit)

11th Grade: Lifetime Nutrition & Wellness (1/2 Credit) **AND** Dollars & Senses (1/2 Credit)

12th Grade: *Child Development (1 Credit)
Recommended Electives: Psychology (1/2 Credit) **AND** Sociology (1/2 Credit)



Law, Public Safety, Corrections & Security

(4-5 credits)

Career Goal: Corrections Officer, Police Officer, Security Officer/Guard, Attorney, Judge, Arbitrator/Mediator, Probation Officer

Student Organization: Business Professionals of America (BPA), Teen Court

HIGHEST WAGE (LAW)

9th Grade: Principles of Law, Public Safety, Corrections & Security (1 Credit)

10th Grade: Law Enforcement I (1 Credit)


11th Grade: *Court Systems & Practices (1 Credit)

12th Grade: *Practicum in Law (2 Credits with Internship Opportunity) **AND/OR**
*Forensic Science (1 Science Credit)

STEM Endorsements

The STEM (Science, Technology, Engineering & Mathematics) Endorsement prepares students for entry into a four-year university in engineering, mathematics and science. Currently, we offer only two focus areas (Math and Science), but are hoping to expand to include an Engineering focus in the near future.

STEM Requirements: Must complete Algebra II, Chemistry, and Physics plus an additional Endorsement science or math elective.

Public Service Focus Areas	Course Sequence
	
<p>Math (5 credits – 4 already satisfy Foundation Plan) <i>Career Goal:</i> Engineering, General Mathematics, Statistician, Mechanical Engineer</p> <p><i>Student Organization:</i> Robotics Team, UIL Math Team</p>	<p>9th Grade: Algebra I (1 Math Credit) 10th Grade: Geometry (1 Math Credit) 11th Grade: Algebra II (1 Math Credit) 12th Grade: Pre-Calculus (1 Math Credit) AND 5th Math Endorsement Credit: Choose from - AP Computer Science, AP Calculus, College Algebra, AP Statistics</p>
<p>Science (5 credits – 4 already satisfy Foundation Plan) <i>Career Goal:</i> Engineering, General Science, Chemist, Environmental Scientist, Environmental Engineer</p> <p><i>Student Organization:</i> Robotics Team, UIL Science Team</p>	<p>9th Grade: Integrated Physics & Chemistry (1 Science Credit) 10th Grade: Biology (1 Science Credit) 11th Grade: Chemistry (1 Science Credit) 12th Grade: Physics (1 Science Credit) AND 5th Science Endorsement Credit: Choose from - Anatomy & Physiology CP, Astronomy, Advanced Animal Science, Advanced Plant & Soil Science, AP Chemistry, AP Biology, or Forensic Science</p>
<p>Robotics (4 credits) <i>Career Goal:</i> Engineering</p> <p><i>Student Organization:</i> Robotics Team, UIL Science Team</p>	<p>9th Grade: Principles of Information Technology (1 Credit) 10th Grade: Computer Programming I (1 Credit) 11th Grade: Robotics I (1 Credit) 12th Grade: *Robotics II (1 Credit)</p>

Multidisciplinary Endorsements

The Multidisciplinary Endorsement allows students the flexibility of creating their own unique pathway that can be rigorous and customized to their interests. There are two ways to earn a Multidisciplinary Endorsement:

1. **Complete Core Block:** Earn four credits in each CORE SUBJECT AREA that must include English IV and Chemistry and/or Physics
2. **Advanced Coursework:** Complete four Advanced Placement (AP) or Dual Credit courses in the following areas: English, Mathematics, Science or Social Studies.

Elective Options

0.5 Credit Electives

ACT/SAT Prep
Equine Science
New Testament Studies
Old Testament Studies
Professional Communications
Psychology
Small Animal Management
Sociology
Synergy
Touch System Data Entry (Keyboarding)
Virtual Business

1 Credit Electives

Accounting I
Aerobic Dance
Ag Mechanics & Metal Technologies
Art I
Athletic Trainer (Application must be completed.)
Audio Video Production I
Automotive Basics
Business Information Management I
Career Exploration
Career Prep I (11th & 12th only, job required)
Child Development
Commercial Photography
Computer Programming I
Construction Technology I
Creative Writing
Dance I
Debate I
Digital Media
Entrepreneurship
Floral Design
Graphic Design
Health Science Theory
Interior Design
Intro to Culinary Arts

Law Enforcement I
Livestock Production
Medical Terminology
Music History
Photojournalism
Physical Education
Practicum in IT – TECH (Tech Team)
(prerequisites: two credits in IT courses)
*Principles of Agriculture, Food, and Natural Sciences
*Principles of Architecture
*Principles of Construction
*Principles of Arts, A/V Tech & Communications
*Principles of Business, Marketing, & Finance
*Principles of Education & Training
*Principles of Health Science
*Principles of Hospitality & Tourism
*Principles of Human Services
*Principles of Information Technology
*Principles of Law
*Principles of Transportation Systems
Robotics I
Small Engine Technology
Technical Theatre I
Teen Leadership
Theatre Arts I
Theatre Production I
UIL Computer Programming
UIL English
UIL Math
UIL Poetry & Prose
Wildlife, Fisheries, and Ecology Management
It is recommended that all 9th graders take at least one Principles Course (listed above).
****May only be taken in 9th or 10th Grade.***

