

Sanger High School
Course Catalog
2026-2027



Sanger High School Course Catalog & Planning Guide

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Dear Sanger Independent School District Students,

It is with great excitement that I welcome you to the 2026–2027 high school scheduling process. For our incoming ninth-grade students, a special welcome to Sanger High School! You are about to begin one of the most important, challenging, and rewarding journeys of your life. Whether you are just starting high school or continuing your educational path, please know that Sanger ISD and our dedicated high school staff are committed to supporting you every step of the way.

We live in a world that has truly become a global village. Technology has connected us in ways that were unimaginable just a few decades ago, opening the door to new opportunities—and new challenges. Today, success requires not only hard work and determination but also a world-class education that prepares you to compete and collaborate on a global scale.

To help guide you through your high school years, Sanger High School has developed this **Curriculum Course Catalog**. Within its pages, you will find detailed information on course offerings, graduation requirements, and special programs designed to help you reach your academic and personal goals. Course selection is one of the most significant decisions you will make each year, and we encourage you to take the time to plan thoughtfully. Your teachers, counselors, principals, and parents are valuable resources—seek their advice and draw on their experience to make informed choices.

Finally, I challenge you to set ambitious goals and push yourself to achieve them. Success in high school—and beyond—comes from hard work, curiosity, and the courage to step outside your comfort zone. Strive for excellence in everything you do, and remember that your education is the foundation for the limitless opportunities that await you after graduation.

Welcome to a new year filled with promise, growth, and achievement. I wish each of you a successful and inspiring 2026–2027 school year.



Best wishes for a wonderful high school experience!

Sincerely,
Dr. Tommy Hunter
Superintendent
Sanger Independent School District

Sanger High School

3001 FM 455; Sanger, TX 76266
Phone: (940)458-7497
Website: www.sangerisd.net

District Contacts:

Dr. Tommy Hunter	Superintendent
Jennie Flaa	Deputy Superintendent
Melissa Dorum	Special Education Director
Dr. Ann Hughes	Director of Student Intervention
Jona Gillum	Bilingual/ESL/Testing Coordinator
Kim Mills	Instructional Services Coordinator
Chad Rogers	Director of Boys Athletics
Tracy Sykes	Director of Girls Athletics
Heather Donaldson	Gifted/Talented Coordinator
Kelly Bounds	Director of Communications

Campus Contacts:

Carly Sperry	Principal
Shanna Orsi	Assistant Principal
David Breaux	Assistant Principal
Erica Chupp	Coordinator of Student Services
Christa Walters	Counselor A-G
Tisha Green	Counselor H-O
Delia Trahan	Counselor P-Z, Lead Counselor

The mission of Sanger High School, a learning community, is to engage, challenge, and inspire all students through innovative learning experiences.

VISION AND VALUES

Sanger High School will be an exceptional campus focused on innovative learning where students are prepared to create their future in an ever-changing world.

Educate - Inspire - Elevate

Values

Pride & Tradition
Trust & Integrity
Faith & Community
Exploration & Ownership
Diversity & Uniqueness

Sanger ISD does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs or activities and provides equal access to the Boy Scouts and other designated youth groups. For information about your rights or grievance procedures the following person has been designated to handle inquiries regarding the nondiscrimination policies: please contact the Assistant Superintendent, Jennie Flaa at (940)458-7438 or jflaa@sangerisd.net.

Planning Your High School Program

This 2026-2027 Education Planning Guide has been developed to provide course selection information for Sanger ISD students. The education guide concerns planning information for grades 9-12, followed by graduation requirements and course descriptions, as well as other pertinent course information. This information is provided to assist students and parents during the registration and course selection process. Parents and students are encouraged to meet with the counselor for assistance in selecting courses that will meet student's needs for the future and also meet graduation plan requirements. Students should select courses that are appropriate for their academic abilities and interest. It is important to consider the combination of courses and the demands on time for studying, practicing, performing, or competing. Careful consideration and planning is vital for making wise decisions regarding course selections. Questions to ask yourself:

Will you continue your education in college or in a technical school?
Do you want to learn a career skill in order to enter the full-time work force immediately following graduation?
Are you interested in a technical field?
Are you thinking of entering a profession that requires many years of specialized education?
Are you considering the military after high school?

What does Sanger ISD provide to support students and prepare them for their post-high school plan?

- ❒ Experienced counselors and teachers to help advise you more specifically about the high school programs of study offered
- ❒ Multiple plans of study, performance acknowledgements, and programs available to support varying interests
- ❒ The number of credits needed in specific subject areas
- ❒ The prerequisites needed to begin certain course pathways
- ❒ Programs offered at SHS, the LaGrone Academy in Denton ISD, and North Central Texas College that enable students to gain entry level employment in high skill and high wage jobs or to continue their post high school education

The programs offered allow students to choose the high school program best suited for their future plans, whether that program follows the traditional college preparatory or career preparatory pathway. By planning wisely, you can create the future that is most appropriate for you.

FOR STUDENTS ENTERING 9TH GRADE IN 2026 – 2027, IT IS IMPORTANT THAT THE STUDENT KEEP THIS CATALOG UNTIL GRADUATION.

GENERAL INFORMATION

- Graduation Requirements
- Grade Point Average and Rank
- Class Loads
- Schedule Changes
- Grading Scales
- Grade Classifications
- Early Graduation
- Counseling Services and Resources

GRADUATION REQUIREMENTS

Under State Board of Education rules, students have a variety of pathways to choose from, depending on when the student enters high school. All students are required to complete the high school Foundation Program. In order to graduate Distinguished, students must successfully complete Algebra II within their chosen endorsement pathway. **To be eligible for top 10% ranking, students must earn the Distinguished Level Diploma** (Exception: UT has a higher requirement, currently 5%)

Foundation Plan

House Bill 5 (HB 5), passed by the 83rd Texas Legislature and signed by the governor in June 2013, provides a set of graduation plans for Texas students. These graduation plans consist of a Foundation plan for every Texas student and five endorsements/programs of study from which students may choose, depending on their interests. Students will complete each of these endorsements/programs of study with four English Language Arts, four Mathematics, four Sciences, and four Social Studies credits. Students are also required to complete two (same) World Language credits other than English, one credit of PE, and one credit of Fine Arts.

English (4 credits)	English 1 or English 1 Honors English 2 or English 2 Honors English 3 or On Ramps English 3 English 4, AP English 4, Dual Credit English 4
Mathematics (4 credits)	Algebra 1 or Algebra 1 Honors Geometry or Geometry Honors Algebra 2, Algebra 2 Honors, or approved math course One additional approved advanced math credit
Science (4 credits)	Biology or Biology Honors (CPR requirement) IPC, Chemistry or Chemistry Honors Physics or Physics Honors, or approved science course One additional approved advanced science credit
Social Studies (4 credits)	World Geography or World Geography Honors World History or World History Honors US History or On Ramps US History Government, AP Government, or Dual Credit Government (Police Interaction requirement) Economics, AP Economics, or Dual Credit Economics State Proposed: Effective for 2030 Graduates: Personal Finance Literacy will replace Economics
World Language (2 credits)	2 levels of the same language in Spanish (French removed) Computer Science
Fine Arts (1 credit)	Art, Theatre, Tech Theatre, Band, Choir, Music Appreciation, Floral Design (prereq required)
Physical Education (1 credit)	PE, Athletics, Cheer, or Band
Speech (0.5 credit)	Professional Communications (Speech proficiency) (Students entering district during 10-12 grades will earn proficiency through English courses)
Transition Elective (0.5 credit)	Indian Academy
Electives (5 credits)	Options provided in course descriptions
TOTAL CREDITS	**26**

Additional Graduation Requirements

Additional Diploma Requirements

To earn a diploma in Texas, students must also meet the following requirements:

- Achieve passing scores on end-of-course (EOC) assessments or approved substitute assessments;
- Complete and submit a FAFSA, TASFA, or opt-out form (TEC §28.0256);
- Completed instruction in delivering clear verbal messages; choosing effective nonverbal behaviors; listening for desired results; applying valid critical-thinking and problem-solving processes; and identifying, analyzing, developing, and evaluating communication skills needed for professional and social success in interpersonal situations, group interactions, and personal and professional presentations. Sanger High School utilizes the Professional Communication course to earn this requirement.
- Complete instruction in emergency preparedness, including CPR (TEC § 28.0023);
- Complete instruction on proper interaction with peace officers during traffic stops (TAC, §74.39).

Algebra II Requirements

Texas Education Code requires that all students and their guardians be notified that Algebra II is not a graduation requirement. However, there are potential consequences to a student who does not successfully complete an Algebra II course. The Texas Education Agency required notification letter on this topic is found at https://tea.texas.gov/media/document/246856.

Physical Education Requirements

A student who is unable to participate in physical activity due to a disability or illness may be able to substitute a course in English language arts, mathematics, science, social studies, or another locally determined credit-bearing course for the required credit of physical education. This determination will be made by the student's ARD committee, Section 504 committee, or other campus committee, as applicable. Students who are temporarily restricted from participation in physical education will not actively participate in skill demonstration but will remain in class to learn the concepts of the lessons.

Distinguished Level of Achievement

The Distinguished Level of Achievement recognizes students for outstanding performance in high school. This recognition requires more math and more science than the Foundation High School Program. The Distinguished Level of Achievement requires:

- A total of four credits in math, including Algebra II;
- A total of four credits in science; and
- Successful completion of an endorsement/program of study in your area of interest.

The Distinguished Level of Achievement must be earned to be admitted to a Texas public university under the Top 10 percent automatic admission law. Any student wanting to receive state financial aid must complete this program. (TEC 28.025). (Exception: UT has a higher requirement, currently 5%).

Endorsements/Programs of Study

Students are able to earn one or more endorsements/programs of study as part of their graduation requirements. Endorsements/Programs of study consist of a related series of courses that are grouped together by interest or skill set. They provide students with in-depth knowledge of a subject area. Students must select an endorsement/program of study in the ninth grade. In order to earn the endorsement a student must have 4 credits (with at least 3 courses) in the same series of courses (program of study). Students entering 9th Grade must choose from one of the following endorsements/programs of study:

Students may change their endorsement/program of study each year during course selection prior to graduation; however, a delay in graduation may result. For more information, please contact your campus counselor.



BUSINESS AND INDUSTRY ENDORSEMENT/PROGRAM OF STUDY

Coherent sequence of courses from one area:

Agriculture;
Arts;
AV Technology;
Hospitality/Tourism;
Finance;
Business Management and Administration
Information Technology;
Technology Applications;
Architecture and Construction;
Manufacturing;
Transportation/Distribution and Logistics;



ARTS AND HUMANITIES ENDORSEMENT

Coherent sequence of courses from one area**:**

Five credits in social studies;
Four levels of the same world language (LOTE)
Two levels of two different world languages;
Four credits from one or two categories in fine arts: Music, Theatre, Art



PUBLIC SERVICE ENDORSEMENT/PROGRAM OF STUDY

Coherent sequence of courses from one area**:**

Education & Training;
Government;
Health Sciences;
Human Services;
Law, Public Services, Corrections & Security.



SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS (STEM) ENDORSEMENT/PROGRAM OF STUDY

Coherent sequence of courses from one area:

Computer Science
Mathematics
Science



MULTIDISCIPLINARY ENDORSEMENT

Coherent sequence of courses from one area:

4 advanced course from other endorsement areas
4 credits in each foundation subject area, including English 4, Chemistry, and/or Physics
4 credits in AP or dual credit courses from English, math, science, social studies, or world language

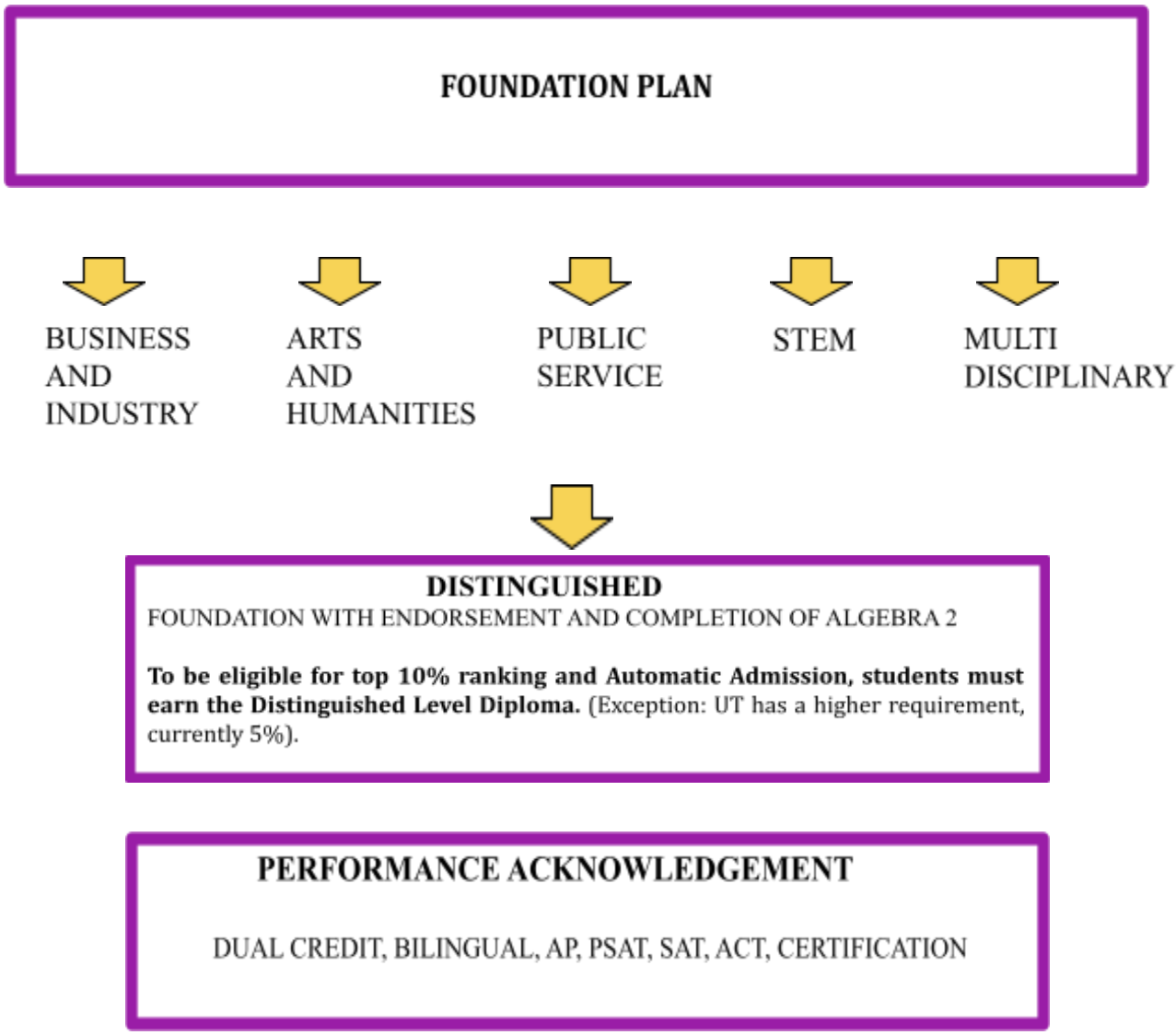
PERFORMANCE ACKNOWLEDGEMENT

A student may earn a performance acknowledgment on the student's transcript for the following outstanding performances:

Outstanding Performance in:

Dual Credit	● 12 hours of college academic courses with a grade 3.0 or higher on a 4.0 scale, ● or an Associate's degree
Bilingualism and Bi-Literacy	4 credits of English language arts and maintaining a minimum grade point average (GPA) of the equivalent of 80 on a scale of 100; **AND** One of the following: ● 3 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 : ● A score of 3 or higher on a College Board Advanced Placement examination for a language other than English.
College Board Advanced Placement (AP) Test	3 or above on a College Board AP examination
College Preparation Assessments	(1) Earning a score on the Preliminary SAT/National Merit Scholarship Qualifying Test (PSAT) that qualifies the student for recognition as a commended scholar or higher by the College Board and National Merit Scholarship Corporation; (2) Earning a total score of 1310 or higher on the SAT®; or (3) Earning a composite score on the ACT® examination of 28 or higher (exclude writing)
Earning an Industry Certification or License	Performance on an examination or series of examinations sufficient to obtain: ● a nationally or internationally recognized business or industry certification; or ● Performance on an examination sufficient to obtain a government-required credential to practice a profession.

Graduation Requirements



STAAR/EOC TESTING

Students are required to pass five State of Texas Assessments of Academic Readiness (STAAR®) end-of-course exams to meet the graduation requirements. Passing is defined as achieving "approaches" performance standards. Students must meet passing standards for graduation. Any student not receiving "approaches" performance standards will be provided remediation.

English I (Reading/Writing)	English II (Reading/Writing)	Algebra I
US History	Biology	

The State is currently in session to determine new requirements to the STAAR/EOC examination; however, currently all remaining EOC exams will still be required. Once the changes are made they will be announced and adjusted in the course catalog. The exact graduating class the changes will impact is still being determined.

Can I see sample questions for the STAAR EOC questions?
Released STAAR EOC questions can be found at www.tea.state.tx.us/student.assessment/STAAR/

Grade Point Average and Class Rank

Texas is moving towards a universal, standardized GPA system for high schools, driven by legislation requiring the Commissioner of Education to create one method for all courses including the weighting of advanced courses (AP, IB, Dual Credit, OnRamps) for all districts, aiming for fairness and consistency, moving away from varied district policies to a statewide standard. Once the changes are made they will be announced and adjusted in the course catalog and district policies.

Effective beginning with Graduates of 2025:
Class rankings are calculated on a scale of 100. Final rankings for each grade is for the purpose of applications to institutions of higher education. The District shall also calculate class rank for the purpose of determining valedictorian and salutatorian and honor graduates and the end of the third nine-week grading period of the senior year.

Sanger High School uses a weighted grade averaging system that is designed to recognize the relative difficulty and effort required for the courses taken. Classes designated at the Advanced Placement Level will receive 10 extra GPA points, and classes designated as Level 2 Honors will receive 5 extra GPA points. The District shall categorize and weight courses as follows:

- Advanced Placement — Eligible AP, On Ramps, and Dual Credit courses designated in the course catalog
- Level 2 Honors — Eligible Honors courses in which the TEKS are extended and enriched
- Level 1 Regular — Eligible courses not designated as Advanced Placement or Honors

The District shall include in the calculation of class rank semester grades earned in high school credit courses taken in grades 9-12 only, unless excluded below.

The calculation shall include failing grades until a failing grade is replaced with a passing grade.

- If a student earns a passing grade in only one semester of a course and the combined grade for both semesters is greater than 70, the District shall include in the calculation of class rank the average of the two semester grades in place of the failing semester grade, in accordance with administrative regulations.
- Any grade considered to be average passed must be within the same school year, otherwise students will need to re-earn that credit using another method.

The District shall include in the calculation of class rank grades earned in all high school credit courses taken in grades 9-12, in the following subjects:

Four courses in English (8 semesters); and
Four courses in Science (8 semesters); and
Four courses in Mathematics (8 semesters); and
Four courses in Social Studies(8 semesters);
(World Geography, World History, US History, Government, and Economics);
and
Courses in World Languages other than English

- Courses taken prior to 9th grade for high school credit do not count in GPA calculations. This means that a student who earns high school credit in middle school will still need to complete the required number of semesters of course required.
- Students will be required to take four years of math in high school.
- When a student completes the full 32 semesters and world language in the course of study indicated above, the Ranking GPA is calculated using 32 semesters and world language semesters earned during high school. For a student, however, who completes fewer than the 32 semesters and world language of the course of study indicated above, the Ranking GPA is still calculated using 32 (plus world language semesters) as the divisor. Therefore, a student who completes the 32 eligible semesters will have a higher Ranking GPA than a student who, although successful in the courses taken, did not complete the full recommended course of study.

Grade Point Average and Class Rank

Transcript Recording from Non-SISD Schools (EIC Regulation) – Accredited Schools
When a student transfers grades from courses that would be eligible under the Level 1, Level 2, or Advanced Placement categories and SHS has accepted the credit, the grades accepted will be included in the calculation of class rank.

When a student transfers semester grades for courses received additional weight under the previous district's weighted grade system, SHS shall assign equal weight to those grades based on the categories and grade weight system used by SHS; only if an equivalent course is offered.

A student who transfers into the District shall receive the grades that were earned in courses at other accredited schools. Higher-level course credits earned shall receive grade points according to the list of higher-level courses offered in SHS and the grade point scale used for credit earned in the district. Letter grades will be converted as follows:

Letter Grade	Numeric Grade		Letter Grade	Numeric Grade
A+	98		C+	78
A	95		C	77
A-	93		C-	76
B+	88		D+	73
B	85		D	72
B-	83		D-	71

If a student transfers in from an out-of-state district with a passing grade that is 69 or below, the District shall award the student a grade of 70 to be used in the calculation of class rank.

Non-Accredited Schools/Home School Students
Students entering the District from non-accredited public, private, or parochial schools, including home schools, shall validate high school credit for courses by either taking a credit by exam, correspondence course (via Educere, Texas Tech, or University of Texas), or retaking the course embedded in their schedule. There is a limit of 2 courses that can be earned through the correspondence method. If the credit is verified through testing, then the test scores will be used for conversion purposes. Please refer to EIC Local board policy to review the entire GPA/Ranking policy.

Courses taken by credit by exam require a deposit. Once a student has attempted the exam(s), the student will be refunded their deposit.

Accreditation will be verified by Sanger ISD using Texas Education Agency and/or Texas Private School Accreditation Commission.

Academic Policies

Class Loads

All Freshmen, Sophomores, and Juniors are required to enroll in 8 courses. Seniors can **earn** the option to reduce their requirement to 6 academic courses in which credit is received** with the below information:

** Local courses that are excluded from this requirement include: credit recovery, travel period, or partner PE (2nd time)

Seniors can earn **one off period or aide position (teacher, office, or library)** to replace one of the 8 courses using the following criteria.

(1) Be on track to graduate with designated class; and,
(2) Met all state assessments standards; and,
(3) In compliance with compulsory attendance and discipline policies; and
(4) One CCMR point (see page 34 for the list of approved methods for earning a CCMR point).

**A Second Off Period or a combination of 1 Off Period and 1 Aide position, can be earned only through earning two (2) CCMR points, which must include:

- One (1) CCMR point from the *Academic (SAT, ACT, TSI, AP, NCTC Dual Credit, or OnRamps) Option*, and
- One (1) CCMR point from the *Career (Certification and Completer)* category

*For a Junior to participate in the IHelp Aide period, they must earn their CCMR point in advance to be eligible.

Grading Scales

The school year is divided into two semesters with two nine weeks reporting periods in each semester. The semester average is determined by the two nine week's averages and the semester exam. Most semester courses are worth ½ unit of credit provided a minimum grade of 70 is earned, along with compliance with compulsory attendance. Some campus courses, LaGrone Academy courses, dual credit course offerings are worth 1 credit per semester. For courses that are two semesters in duration, the two semester grades will be averaged to determine total credit for the class (Lagrone Academy and dual credit courses not included).

Grading Categories

Courses	Formative	Summative
Core	60%	40%
Elective	50%	50%

Semester Averages

First 9-weeks	Second 9-weeks	Semester Exam
40%	40%	20%

Grade Classification

Students are classified at the beginning of the school year according to the number of credits they have earned. Classifications will be reevaluated at the beginning of each semester unless corrections are necessary due to errors. All changes in grade classification must be approved by the principal.

Minimum grade classification requirements for grade levels included:

Freshman	9th Grade	0 – 5 ½ Credits
Sophomore	10th Grade	6 – 12 ½ Credits
Junior	11th Grade	13 – 18 ½ Credits
Senior	12th Grade	19 + Credits
Graduate with Endorsement		26 Credits

Academic Policies

Schedule Changes

Students meet with counselors during the spring semester to determine course selection for the following year. With the assistance of counselors, students have the opportunity to choose their own classes, as well as alternate electives, and they have the opportunity to verify those choices and make corrections during the spring semester for the next school year. **May 1st of each year, requests will be locked. To receive full credit for a course, students must be in attendance for 90% of the class. Requests to change courses at the beginning of school will be considered ONLY during the first week of the Fall semester and for the following reasons:**

- A student fails a required course, making a schedule adjustment necessary for graduation.
- Additional credit was earned, making a schedule adjustment necessary.
- The student does not have the prerequisites or does not have courses needed for graduation.
- Change is needed as a result of a student being selected or administratively assigned to or taken out of a program; i.e., intervention, band, athletics, other classes requiring instructor approval.



- Change is needed to enable a student to graduate in the particular year.
- Class sizes must be balanced.
- Courses are canceled.

There will be no schedule changes made due to a change of interest in electives.

Programs of study course changes: Students may change their program of study courses with parent approval each year during the course selection window. Reminder: Changes to the programs of study courses could jeopardize the student's ability to receive a particular endorsement/program of study, and their ability to receive an off period or teacher's aide.

Level changes:
When requesting a level change, the approval of this request will consider the following:

- A change may be made if the student has demonstrated a significant effort to do well in the class (attending tutorials, no zeros in class, attempted retesting opportunities, no missing assignments) and if there has been verified parent/teacher/student communication prior to the request.

Please consider the following before making a level change request:

- A change may be made if there is room in the on level course. On level courses will not be overloaded during level changes.
- If a level change is made, all grades from the advanced class will transfer with the student and eligibility status will not be adjusted.
- All level changes must be approved by an administrator.
- If there is a level change, students will not receive the extra GPA points at semester.

Please note that some Honors, AP, and OnRamps courses do not have a lower-level equivalent. Students enrolled in the following courses must remain in the course for the duration of the Fall semester and are not eligible to request a level change:

- Spanish 3 Honors
- AP Calculus
- AP Psychology
- AP Spanish
- OnRamps Biology

Academic Policies

Honors and AP: A student may request a level change (i.e., moving from Honors Algebra 2 to Regular Algebra 2) during one of the following windows:

- The 6th through 9th week of the first 9-week grading period
- At the conclusion of the Fall semester

All level change forms must be completed, signed, and submitted to the counseling office by the last day of the applicable window — either the last day of the first 9 weeks or the last day of the Fall semester.

OnRamps: A student may request a level change (e.g., from OnRamps Statistics to Regular Statistics) during the window spanning the 4th through 6th week (or UT's official date of record) of the first 9-week grading period. All level change requests must be submitted to the counseling office, with appropriate signatures, no later than the last day of the 6th week. Students submitting requests within this window are eligible to receive a full refund of fees paid. Requests or administrative removals made after this period will not be eligible for any refund.

Dual credit level requests must additionally be made through dual credit coordinator (along with an official NCTC form submission). Dates for dual credit are determined by NCTC and their calendar. Refer to NCTC's website for specific dates. Once a dual credit course is changed, students will be given the choice to be placed in the regular level course (per availability).

Academic Policies

Early Graduation

Permission for early graduation may be given if the student is on target for graduation as evidenced by:

- A history of adequate performance on the state assessments
- Credits Earned
- Grades
- Attendance

To be eligible to graduate in three years, a student shall complete all coursework and exit-level testing required of other students in his or her freshman class. A student wishing to graduate early shall complete an application and submit it to the counselor the end of the student's sophomore year. Early graduates shall not be considered for valedictorian and salutatorian honors. Early graduates shall be included in calculating the top ten percent and shall be included in the list of honor graduates when applicable. Students who graduate in three years shall be eligible to participate in commencement ceremonies.

Applications for early graduation may be picked up in the counselor's office. Application should be turned in prior to the end of the student's sophomore year. The final decision regarding permission for early graduation will be made by the principal and the academic counselor.

Texas First Early High School Completion Program

Texas Education Code §28.0253, established the Texas First Early High School Completion Program to allow public high school students who demonstrate early readiness for college to graduate early from high school. The purpose of the Texas First Early High School Completion Program, in conjunction with the Texas First Scholarship Program established under Texas Education Code, Chapter 56, Subchapter K-1, is to promote efficiency in the state public education system and incentivize the enrollment of high performing students at eligible institutions within the state of Texas.

Here's what you need to be eligible:

- Texas residency
- FAFSA completion
- At least 22 high school credits and a final GPA equivalent to 3.0 or higher
- Additional academic requirements, including college readiness test scores, STAAR exam participation, and demonstration of mastery in various subjects

The Texas Higher Education Coordinating Board QR code above includes a detailed list of eligibility requirements.

If you graduate two or more semesters before your class, you'll receive a two-semester scholarship, equivalent to the amount of the TEXAS grant, upon admission to any Texas public institution of higher education, including colleges, universities, and technical colleges. You may also be eligible for additional financial aid at most of these institutions! The Texas First Diploma does not guarantee automatic admission for students. Your grade point average at graduation qualifies you for automatic admission under the state's top 10 percent law. You can apply to any college or university you choose; however, the scholarship will apply only at the Texas public institution where you have been admitted. The scholarship offer will expire at the end of the first academic year following your graduation, so we encourage you to attend college directly after high school.

Academic Policies

Summer Graduates

Students who graduate during the summer (before August 1st) shall be ranked with the class that graduated during the previous spring. Graduates who are deficient in credits shall not be eligible to participate in spring commencement ceremonies and shall not be considered for local scholarships awarded during the spring.

Mid-Year Graduates

A student who graduates at the end of the fall semester shall be ranked among the students who will graduate during the upcoming spring. Students graduating at mid-year shall be ranked at the end of the year. Mid-year graduates shall be eligible to participate in spring commencement ceremonies and shall be considered for local scholarships awarded during the spring, provided they complete a local scholarship application form.

A student graduating after the end of the school year shall be ranked when all requirements are met. These students shall not be allowed to displace in rank students who graduated at the end of the school year.

Counseling Services and Resources

The counseling department is an integral part of the overall school program. School counselors are available to assist you with your needs in the following areas:

- To provide you with information regarding your placement in classes or programs. The counselors have many materials at their disposal to help you make the best choices of courses and programs within the school. Counselors can tailor program choices to your needs now and in the future, whether occupationally or educationally.

- Specialized career counseling is available with counselors to identify strengths and weaknesses as they relate to your choice of courses, career plans, college preparation or potential employment after completion of high school. Counselors can assist students with testing, career planning, internships, and work-based learning experiences.

- To offer support in social emotional areas. Counselors can help you focus on self-development and on acquiring decision-making abilities. Because academic growth and success are directly related to the mental health of each individual, counseling support meets a fundamental need. Whether the problems are at school or at home, the counselors are available to provide support and resources.

While counselors are responsible for assisting students in planning for their academic and career futures, students and parents are partners in the process. The ultimate responsibility for those decisions is the student's with the parent's support. **Students and parents are responsible for checking the transcript and student academic progress each year in order to verify accuracy and bring any errors to the attention of the counselors and registrar.**

SchooLinks

All middle and high school students in Sanger ISD have access to SchooLinks, an online platform that helps students understand their unique strengths, connect their interests to careers, set goals, and develop self-knowledge and personal motivation.

Students can use SchooLinks to access college and scholarship information, career information, and standardized test scores. Students may request transcripts and link to college applications via SchooLinks.

Go Centers

A "Go Center" is a college and career information center primarily located in high schools and on university campuses. These centers focus on creating a college-going culture and promote college awareness and accessibility. UNT uses G-Force Mentorship to support their Go Centers. These mentors make monthly visits to Sanger High School and provide college enrollment guidance and post-secondary mentoring. G-Force mentors assist one-on-one with 9th-12th grade students to create a college-going culture.

For more counseling professional services outside the High School setting, contact the school counselor and/or check the counselors page for area resources for referrals.
https://shs.sangerisd.net/apps/pages/index.jsp?uREC_ID=756193&type=d&pREC_ID=1224911

ADDITIONAL PROGRAMS/ PREPARING FOR COLLEGE

- Support Programs
- Advanced Programs
- Dual Credit
- Alternatives to Earning Credits
- LaGrone Academy
- Planning for Post-Secondary
- College Testing Information
- Paying for College
- NCAA/NAIA Eligibility

Support Programs

To meet the requirements of state and federal law, Sanger High School also offers several programs designed to meet specific needs of some students. Students are identified as eligible for one or more of these programs based on assessments made after referrals and recommendations from teachers and counselors. Parents and students will always be informed about the program before placement. Students are also identified based on an assessment after a request or referral from the parents. If parents have any questions about the referral and identification process for any of the following programs, they should contact their child's teacher(s), counselor, or the campus principal.

Special Education/504:

Sanger ISD provides special education and related services for students who are found eligible for services under State and Federal guidelines. If a student has or is suspected of having a disability; parents, teachers, administrators, or any other district employee should contact the building Assistant Principal for information concerning available programs, assessments, and services.

For more information or questions please contact Melissa Dorum at mdorum@sangerisd.net for Special Education questions, and Kim Mills at kimberly.mills@sangerisd.net for 504 questions.

Bilingual Education/English as a Second Language:

English is the basic language of instruction in Sanger ISD schools. Children who have limited English-speaking skills will have access to programs to help them learn to understand, speak, read, and write the English language. At the initial enrollment in SISD schools, parents will be asked to complete a Home Language Survey so the school knows whether to take additional steps to be sure the child is properly served.

For more information or questions please contact Jona Gillum at jgillum@sangerisd.net.

Gifted and Talented:

Some children demonstrate or show a potential for demonstrating a remarkably high level of accomplishment when compared to other children of similar age, experience, or environment. These children may perform at a very high level in an intellectual, creative, or artistic area, show an unusually high capacity for leadership or excel in a particular academic field. Sanger High School uses cluster grouping along with Honors,AP classes. and On Ramps. In addition, these students are provided the opportunity for dual credit and dual enrollment that allows students to enroll in selected college-level courses.

For more information or questions please contact Heather Donaldson at heather.donaldson@sangerisd.net.

Advanced Academic Programs

Sanger ISD is an "open enrollment" campus which means that ALL students who want to challenge themselves academically may enroll in honors and advanced classes without an application. We believe that through these courses, students can improve their college readiness and will be better prepared for college-level work. Please remember that requests to be unenrolled in these courses are only at specific times, with additional requirements (see page 17).

Honors/OnRamps/Advanced Placement/Dual Credit Program:

At the high school level, Honors courses give students the opportunity to practice skills that enable them to be successful in On Ramps, Advanced Placement (AP), and Dual Credit courses. Honors builds the foundation for success not only in the On Ramps, AP, and Dual Credit program, but also for success in college coursework. These programs provide rigorous coursework for the above average, advanced, as well as the gifted and talented student. Advanced courses are capstone courses that not only challenge students with the most progressive curriculum and instruction at the high school level; they also provide the opportunity for students to receive college credit for their efforts. Since these courses are aligned with The College Board, they offer the most solid foundation for students desiring to go to college.

Successful Honors/On Ramps/AP/Dual Credit Students:

Honors/On Ramps/AP/Dual Credit courses are academically advanced courses designed to challenge motivated students. The courses will require significantly more work outside of class than on-grade-level courses due to their rigorous content. Sanger High School Honors/On Ramps/AP/Dual Credit courses are open to any student wishing to enroll.

In order to assist with placement decisions, the following list contains characteristics of students who typically experience success in these courses:

1. Strong work ethic
2. Ability to learn concepts quickly
3. Ability to work above grade level
4. Self-motivated, responsible and organized
5. Typical test scores $\geq$ 90 (common assessments, benchmarks, STAAR)

To be successful in Honors/On Ramps/AP/Dual Credit courses, students must keep the following standards:

1. Complete and turn in assignments on time
2. Maintain a high level of attendance
3. Turn in make-up work promptly following any absence

Each year the counselors will offer a Mandatory Advanced Academics meeting to introduce all of the advanced options. Please review the counselors' newsletters for a specific date.

AP Courses

AP Courses are College-Level Material typically taught in the first year of college. Each course ends with the option to take and pass a rigorous AP Exam, scored 1-5, which determines if you earn college credit.

The AP exam will be available through the College Board upon completion of the required material. Students who choose to take the AP exam will be required to register for the exam by the first month of when the class begins and will be required to pay for the exam in advance. The cost for each exam is based on CollegeBoard and is subject to change each year. The average cost for a student is around $100, however those on Free/Reduced lunch is around $56.00. The deadline for registration and payment is set by CollegeBoard in alignment with their order deadline. All AP examinations are given in May. Results are sent to the colleges of the student's choice, **which may grant up to twelve hours of college credit, advanced placement, or both**. Placement and credit are granted by institutions in accordance with their own policies.

AP Courses offered include:

AP English 4	AP Government	AP Spanish
AP Calculus	AP Economics	AP Art
AP Environmental Science	AP Psychology	

The link listed below has more information on placement and credit for colleges from College Board:
https://apstudents.collegeboard.org/getting-credit-placement/search-policies

Key Benefits:

- **College Credit & Placement:** Passing the AP Exam (scores 3-5, depending on the college) can earn you college credit or allow you to skip entry-level college classes, saving time and tuition.
- **College Readiness:** Develop advanced study habits, time management, critical thinking, and problem-solving skills crucial for college success.
- **Stand Out to Colleges:** AP courses demonstrate you're willing to challenge yourself, making you a more attractive candidate for admissions, especially at selective universities.

**AP English IV, AP Government, and AP Economics are under review for instructional effectiveness. Sanger ISD will analyze the number of college credits earned by students to determine whether these courses will continue to be offered for the 2027–2028 academic year.

On Ramps Courses

The OnRamps cost structure reflects our mission to increase the number of students who access and engage in learning experiences aligned with the expectations of leading research universities. Through our collaborative efforts to provide subsidies and applicable legislative appropriations where possible, we continue to offer students and educators across the state access to high-quality dual enrollment education and professional learning opportunities.

Course Information:	**Course Fees (Per-Student, Per-Course*)**
English 3 **Fall**: Introduction to Rhetoric: Reading, Writing and Research 3 college credits UT Course Code: RHE 306 (TCCN: ENGL 1301) **Spring:** Reading and Writing the Rhetoric of American Identities 3 college credits UT Course Code: RHE 309J (TCCN: ENGL 1302) ***** This course is required in order to take NCTC's dual credit English 4 courses.**	$298 (6 credit hours taken all year)
Statistics **All Year:** Elementary Statistical Methods UT Course Code: SDS 301 (TCCN: Math 1342)	$149 (3 credit hours taken all year)
Biology with Lab **All Year:** Introduction to Biology I and Lab UT Course Code: BIO 311C, BIO 106M (TCCN: BIOL 1306, BIOL 1106)	$149 (4 credit hours taken all year)
US History **Fall**:The History of the United States 1492-1865 UT Course Code: HIS 315K (TCCN: HIST 1301) **Spring:** The History of the United States Since 1865 UT Course Code: HIS 315L (TCCN: HIST 1302)	$298 (6 credit hours taken all year)

Please note that OnRamps does not charge additional fees for books or supplies to any student. All books, supplies, university fees, learning management system and other technology access fees for the course are included in the cost of the course.

Earning Credit

When a student ***earns and accepts credit*** for an OnRamps course, the grade will appear on the student's university transcript. A letter grade of D- or better is considered passing.

OnRamps college credit earned for a letter grade of C- or above for courses with a Core Curriculum designation are required by law to transfer to any public higher education institution in the state of Texas. These are noted in the Texas Core Code column in the below table. Most OnRamps courses have Texas Common Course Numbering System (TCCNS) equivalency numbers approved by The University of Texas at Austin (UT Austin). The link below provides information about OnRamps courses, including subject, prerequisites, and credit transfer and equivalency information.
https://onramps.utexas.edu/what-we-offer/distance-ed/students/enrollment/

Transferability and Grades

Each college or university evaluates transfer credit based on its own policies, which vary by school, college, and institution. In order to determine how OnRamps courses will transfer, if they will apply to a major or degree program, and if the grade will factor into the GPA, students must contact the higher education institution they plan to attend.

NCTC Dual Credit

The Dual Credit Program allows students to earn credit for high school while also earning college credit at North Central Texas College (NCTC). Students may register for pre-approved college courses taught at the high school or at NCTC college campus. Each student must meet NCTC admission requirements in order to register for classes.

The admission and enrollment process for Sanger High School can begin in the spring of a student's freshman year. To complete the process or to consider whether you are a good fit for dual credit and to you should complete the following:

I. Qualify with GPA requirements:
   a. 80+ for Academic classes
   b. 70+ for CTE classes
   c. Requirements are contingent on NCTC program requirements

II. Pass the **required** portion(s) of the Texas Success Initiative (TSI) Exam for selected courses.

III. Continue to pass all required Texas state testing mandated by HB 5.

IV. Complete application and registration according to timeline:
   a. Fall semester applications must be submitted before Spring Break and registration before mid of April.
   b. Spring semester applications must be submitted mid October and registration before the Thanksgiving break.
   c. Exact dates will be provided within the first month of each semester.

See below for a list of all of the accepted assessments to meet the Texas Success Initiative (TSI) Assessment.

ASSESSMENT	MATHEMATICS	READING/WRITING
ACT	22 Math	40 Reading & English Combined
SAT	500 Math	480 Critical Reading
TSIA-2 Assessment	950 Math (or) > 910 Math, Diagnostic 6	ELAR Combined 945 w/5 on Essay (or) > 910 w/5 on Essay, Diagnostic 5

The student is responsible for the tuition and fees to take academic dual credit course(s) as well as textbook costs. Tuition, fees, books and any costs are waived for students who qualify for free/reduced lunches (some costs will be covered immediately and some costs will be reimbursed). All dual credit course grades will be recorded numerically and used in averaging the high school GPA. To receive high school credit for an NCTC dual credit course, Sanger High School will use the district's conversion chart. However, NCTC requires core grades to be a 70 or above and the CTE courses to be a 75 or above. to remain within the dual credit program.

Dual credit level requests must be made through dual credit coordinator (along with an official NCTC form submission). Once a dual credit course is changed, students will be given the choice to be placed in the regular level course (per availability). If a student withdraws from Sanger High School, then the student is responsible for also dropping their dual credit courses. Students will refer to the dual credit coordinator (receiving the official NCTC form) and the coordinator can assist in the submission of the form.

- **Caution:** While dual credit courses will earn university credit and will be recorded on a formal transcript, the transferability of courses to another university rests solely with the accepting institution. Students should consult the admissions officers of the appropriate institution for information regarding the transfer of credits. The Texas Common Course Numbering System provides some helpful information - https://www.tccns.org/ .

Dual Credit

Core Complete

The Texas Higher Education Coordinating Board, and the Undergraduate Education Advisory Committee, designed a 42 semester credit hour core curriculum for all undergraduate students in Texas public higher education institutions. The purpose of the core curriculum is to ensure the Texas undergraduate students enrolled in public institutions of higher education will develop the essential knowledge and skills they need in order to be successful in college, in a career, in their communities and in life. **Students seeking to earn Core Complete at Sanger High School will need to enroll in both OnRamps and NCTC dual credit courses. Refer to the counselors for a core complete checklist.**
TEC Chapter 61, Subchapter S, Sections 61.821-61.832 and TAC Title 19, Part 1, Chapter 4, Subchapter B

Refer to the chart below to know which classes have been approved through Sanger ISD and NCTC.

SANGER HIGH SCHOOL CORE AND NCTC DUAL CREDIT COURSES			
SISD DUAL CREDIT COURSE	**GRADE LEVEL**	**COLLEGE COURSE TITLE**	**TSI /PREREQ**
ENGLISH			
English 4 (Fall)	12	British Lit 1 (ENGL 2322)	TSI ELA and On Ramps **ENGL 1301**
English 4 (Spring)	12	British Lit 2 (ENGL 2323)	ENGL 2322
MATH			
Honors PreAP PreCalculus (Fall)	11-12	College Algebra (MATH 1314)	Math TSI & Alg 2
SCIENCE			
Biology (Fall)	11-12	Biology for Science Majors 1 (BIOL 1406)	ELAR TSI
Biology (Spring)	11-12	Biology for Science Majors 2 (BIOL 1407)	BIOL 1406
SOCIAL STUDIES			
Government (Fall/Spring)	12	Fed Government (GOVT 2305)	ELAR TSI
Economics (Fall/Spring)	12	Macro Economics (ECON 2301)	ELAR TSI
Special Topics in SS (Fall/Spring)	11-12	Texas Government (GOVT 2306)	ELAR TSI
FINE ART			
Art Appreciation (Fall/Spring)	10-12	Art Appreciation (ARTS 1301)	ELAR TSI
ELECTIVES			
College Transition (Fall/Spring)	10-12	Learning Frameworks (EDUC 1300)	ELAR TSI
Speech (Fall/Spring)	10-12	Public Speaking (SPCH 1315)	ELAR TSI

Career and Technology Courses

Sanger ISD has an extended relationship with NCTC to include many more career and technology plans of study for our students. Below is a list of all the programs that are Sanger ISD and NCTC approved:

CAREER AND TECHNOLOGY DUAL CREDIT COURSES				
YEAR	SISD DUAL CREDIT COURSE	GRADE LEVEL	COLLEGE COURSE TITLE	COLLEGE HOURS EARNED
FIRE SCIENCE *(Must also apply at LaGrone Academy)****				
Junior (F)	Firefighter 1	11	FirefighterCert1 (FIRS 1301), FirefighterCert3 (FIRS 1313)	6
Junior (S)	Firefighter 1	11	FirefighterCert4 (FIRS 1319), FirefighterCert5 (FIRS 1323)	6
Senior (F)	Fire Fighter 2	12	Firefighter 6 (FIRS 1329), Internship (FIRS 2188)	4
Senior (S)	EMT - Basic	12	Emergency Medical Technician (EMSP 1501); Emergency Med Tech Clinical (EMSP 1160)	6

***Students interested in the Firefighter or EMT program will also need to complete an application with LaGrone Academy. There is also a required parent meeting, who will provide all the additional requirements and information needed.

Alternatives for Earning Credits

Students typically earn high school credits toward graduation by enrolling in the available courses and earning a grade of 70 or higher. However, there are times when students need alternative options for earning credit.

- Students who have taken a course and earned credit for it may request to repeat a course from the previous year; however once credit is earned, the grade is posted on the student's academic record (transcript), and it cannot be changed or removed, per state law. If a student is requesting to repeat a course this is for academic purposes only (HB 3803).

Credit by Exam:

Credit by exam (CBE) is one method for students to demonstrate proficiency in grade level or course content. The Texas Education Code (TEC), §28.023, allows students to either accelerate a grade level or earn credit for a course on the basis credit by examination.

Sanger ISD will provide opportunities for our students either with or without instruction to earn credits through Credit by Exam. Sanger will provide one window per quarter for students to test. Students may take a specific exam only once during each testing window. The counselor will conduct the student's registration and facilitate the administration of the exam. If a student is given credit based on the score, the campus will enter the examination score on the student's transcript and credit will be granted.

Students will need to:

1. Contact the school counselors to register for the exam.
2. Candidates for **credit retrieval** will need to make a 70 or above to be granted credit.
3. Candidates for **course advancement** will need to make an 80 or higher to be granted credit.
4. The school counselor will order, administer, and submit the exam.
5. Students are responsible for obtaining the study guide information from the appropriate institution.

Per state guidelines, students may not attempt to earn a credit through a credit by exam for the same high school subject more than two times. Any student who wishes to graduate in May of the current school year must complete the Credit by Exam before the end of the first semester. Students who do not complete exams after April 1st of the current school year may not receive test scores in time to participate in May commencement.

Quarterly Testing Windows
January 1 - March 31 April 1 - June July 1 - September 3 October 1 - December 31

Resources:
Texas Tech University ISD: https://www.depts.ttu.edu/ttuisd/cbe.php
Texas Tech Study Guide information: https://www.depts.ttu.edu/ttuisd/cbe/php

Correspondence Courses:

A correspondence program allows students to take a course for high school credit through distance learning at an institution approved by the district and the State of Texas. Students are responsible for all fees including registration, application, and any required textbooks and materials. Credit toward state graduation requirements may be granted for correspondence courses only under the following conditions:

- The institution offering the course has approved agreements with Sanger ISD including: University of Texas at Austin, Texas Tech University, Educere, Texas Virtual School Network, or other public institutions of higher education approved by Sanger ISD.
- Correspondence courses must include state-required TEKS for such a course.
- Sanger ISD students may earn a maximum of 2 state-required credits through correspondence courses and may be enrolled in only one correspondence course at a time.
- Seniors enrolled in a correspondence course must complete the course and submit the grade at least ten days prior to the date of graduation.
- The state STAAR End of Course exams are still required for a course taken by correspondence.

Alternatives for Earning Credits

Early Admission Enrollment:
Early Admission enrollment classes are university classes that receive university credit only; the high school student is admitted as a regular college student by the college/university. Students may enroll under the following conditions: student successfully applies to college/university and passes the TSI requirement; student obtains approval from high school counselor; student understand that the courses are counted as a part of the student' course load, even though high school credit is not awarded and no class will be provided during school day.

Credit Recovery:
Credit recovery is earning credit for a course that the student has already taken but where credit was not earned. Situations that require credit recovery include – when the student completed the course but did not pass it, when the student earned a passing grade but failed to earn the credit due to excessive absences, or when a student took courses in a non-accredited school. Credit recovery options include: repeating the course, credit by exams, correspondence courses, and Edmentum and/or summer school,

NCAA does not accept high school credits for all credit recovery courses. Students should contact the NCAA eligibility Center if needing NCAA approval.

Any courses taken for credit retrieval or credit advancement purposes must have prior written approval from your principal or counselor.

Local Credit Only Courses

"Local Credit" courses are locally developed elective courses that receive no state credit toward graduation and are not part of the state elective course catalog. Because local credit courses are not eligible for state credit, they do not count toward state graduation requirements. The terms "no credit course" and "local course" are often used synonymously.

Grades earned in local credit courses are recorded on the transcript but are not counted in GPA. Examples of local credit courses in Sanger ISD include: Academic Support, Teachers Aid, Counselor Aide, Library Aide, Office Aide,

A student can be scheduled for a maximum of one local credit course per semester.

Repeating Courses

For courses taken for high school credit in Texas, TEC 28.02124 (2023) allows a parent or guardian to elect for their student to repeat any course in which the student was enrolled in during the previous school year. A student's class rank calculation shall not include semester grades from a course that is retaken after a passing grade has previously been earned, and the new grade shall not be recorded on the transcript [EIC(Local)].

Planning for Post-Secondary

Junior Year:

- Verify your high school graduation plan with your counselor
- Review your transcript for accuracy
- Become involved in clubs and organizations in your school and/or community
- Prospective college student athletes (D1, D2 or NAIA) should register with the NCAA eligibility center (www.eligibility center.org) and or NAIA (www.naia.org) and verify Core Course Requirements with your counselor
- Check your school email on a regular basis and continue to do so throughout the year
- Get in the habit of monitoring your grades and attending tutorials as necessary
- Review/Take the PSAT
- Research colleges and careers - begin to narrow down options
- Register, pay, and take for AP exams
- Register and take a Spring ACT or SAT exam (Free/reduced lunch students can receive a waiver from their counselor)
- Verify courses for your senior year
- Take advantage of summer opportunities: volunteer work, academic opportunities and camps, and jobs
- Visit colleges and look for summer enrichment programs
- Begin to prepare essays and resumes for college applications
- Apply for colleges – many applications open July 1 or August 1

Senior Year

Throughout Senior Year

- Check school email regularly
- Request transcripts in once you have applied to your colleges
- Watch for scholarship and college application due dates
- Male students – register with the Selective Service https://www.sss.gov/Home/Registration when you turn 18

August

- Verify your high school graduation plan with your counselor
- Review your transcript for accuracy
- Review current grade point average
- Register for the ACT/SAT or TSIA if applicable (Free/reduced lunch students can receive a waiver from their counselor)
- Update essays or writing samples that may be required for applications
- Prepare/update a resume to include work experience, school and community activities/clubs, awards earned, leadership positions and volunteer experience
- Narrow down college, university, or technical school choices
- NCAA/NAIA applicants verify with your counselor that you are on track to complete the Core Course Requirements and complete you NCAA/NAIA task checklist

September

- Attend NorTex College Fair
- Visit college campuses, tour dorms, talk to admissions and financial aid officers
- Request recommendation letters from teachers and counselors. Complete recommendation packet
- Continue to listen to announcements, follow social media sites and check email regularly to gather information about scholarships, future visits from college and military representatives, and upcoming financial aid workshops
- Complete college applications for the schools you are considering

Planning for Post-Secondary

October
- **Complete the FAFSA (application opens on October 1)**
- Complete college applications for the schools you are considering
- Request official transcripts for each college to which you are applying
- Explore financial aid options at your selected colleges
- Register and pay for AP exams
- Order graduation invitations and cap and gown from Jostens

November
- Complete college applications (pay close attention to application and scholarship deadlines)
- Review/update your resume for potential jobs
- Mark your calendar for certification exams
- Visit with military campus representatives to investigate opportunities in the military if applicable
- Request transcript through SCOIR before Thanksgiving break for Dec. 1 college application deadlines

December
- Take any remaining EOC/STAAR exams
- Review your schedule for the Spring semester

January
- Complete and submit any college applications or scholarships by the determined deadlines
- Apply for any district scholarships – Sanger Foundation

February
- Confirm AP exam registration and complete payments as necessary
- Continue to work on scholarship applications
- Respond to college acceptance notices
- Watch for college housing registration and deposit dates
- Meet college deadlines for Financial Aid and Scholarship applications

March
- Continue to consider admission and financial aid offers
- Continue application for scholarships as they become available
- Submit housing application if you have not done so
- Confirm you have met required TSI cut scores for in state public schools
- Register and take the TSI if necessary

April
- Take any remaining EOC/STAAR exams if necessary
- NCAA/NAIA applicants: complete registration
- Make final decision for college choice
- Notify all colleges of decision to accept or decline admittance
- Make final decision for post secondary plan
- Inform your counselor of any scholarships and financial aid packages you are awarded

May
- Take AP exams and/or certification Tests
- Request final transcript to be sent to college of choice Senior Survey
- Register for college summer orientation
- If you have not applied, it's still not too late – visit with your counselor
- GRADUATION!

PLANNING FOR POST-SECONDARY

Automatic Admission Requirements

Prior to a student enrolling for high school courses, school districts are required to provide students with a written notification and detailed explanation of the Texas rules for automatic college admissions. This information, provided below, should assist you in making high school course selections that best align with your post-high school plans.

Automatic Admission Requirements

In accordance with Texas Education Code (TEC), §51.803, a student is eligible for automatic admission to a Texas public college or university as an undergraduate student if the student earned a grade point average in the top10 percent of the student's high school graduating class or in the percentage of qualified applicants that are anticipated to be offered admission to the University of Texas at Austin*, and the applicant:

1. successfully completed the requirements for the Recommended High School Program (RHSP) or the Distinguished Achievement Program (DAP);
2. earned the distinguished level of achievement under the Foundation High School Program; or
3. satisfied ACT's College Readiness Benchmarks on the ACT assessment or earned on the SAT assessment a score of at least 1,500 out of 2,400 or the equivalent.

High school rank for students seeking automatic admission to a general academic teaching institution is determined and reported as follows:

1. Class rank must be based on the student's rank at the end of the 11th grade, middle of the 12th grade, or at high school graduation, whichever is most recent at the application deadline.
2. The top 10 percent of a high school class cannot contain more than 10 percent of the total class size.
3. The student's rank must be reported by the student's high school or school district as a specific number out of a specific number total class size.
4. Class rank shall be determined by the school or school district from which the student graduated or is expected to graduate.

A student is considered to have satisfied the course requirements of the RHSP, DAP, or the distinguished level of achievement under the Foundation High School Program if the student completed the portion of those programs that was available to the student but which the student was unable to complete because the courses were unavailable as a result of circumstances not within the student's control.

To qualify for automatic admission an applicant must:

1. submit an application before the deadline established by the Texas college or university to which the student seeks admission; and
2. provide a high school transcript or diploma that indicates whether the student has satisfied or is on schedule to satisfy the requirements of the RHSP, DAP, or the distinguished level of achievement under the Foundation High School Program or the portion of the requirements of those programs that was available to the student.

* The University of Texas at Austin (UT) is not required to automatically admit applicants in excess of 75% of its enrollment capacity for first-time resident undergraduate students. Should the number of applicants who qualify for automatic admission exceed 75% of enrollment capacity, UT must provide notice of the percentage of qualified applicants that are anticipated to be offered admission. Beginning with the class 2025-2026, students must be in the top 5% of their class to be considered for automatic admission for their campus; however, this percentage is not guaranteed and is subject to change each year.

College, Career, and Military Readiness

In current times, the workplace has begun to require some form of certification or preparation in order to show readiness for employment. Whether this preparation includes earning a college degree, an industry-based certification,or other career credentials. Sanger ISD is aligning their planning with these new guidelines and providing our students with the resources and opportunities to help them navigate their futures.

Sanger ISD is dedicated to showing that our students are College, Career, and Military ready through the following ways:

- **Postsecondary Exploration** - Investigating colleges, universities, and trade schools based on student's interest and abilities. Researching majors offered, entrance requirements, and scholarships provided by each.
- **Career Exploration** - Investigating various careers, learning about the skills, education, and credentials needed to pursue that career.
- **Certifications** - Provide opportunities embedded in Career and Technology courses to earn certifications.







In Texas, students are considered to have reached "college, career, and military readiness" when they have met one of the success criteria identified by the Texas Education Agency. Knowing that with these accomplishments our student's futures are even brighter whether pursuing college, workforce, or military.

CCMR Graduation Cords can be earned by a student who graduates from high school with one of the CCMR categories.

	HOW TO EARN A CCMR POINT
	COLLEGE READINESS
☐	College Readiness Assessments ACCEPTED SCORES: **EBRW**: 480 — Reading and ELA Combine: 40 — **ENGLISH**: 945 MC AND 5 ESSAY OR LESS THAN 945 MC AND DIAGNOSTIC LEVEL 5, AND 5 ESSAY **MATH**: 530 — **MATH**: 22 — **MATH**: 950 OR LESS THAN 950 AND DIAGNOSTIC LEVEL 6
☐	Advanced Placement Exam SCORES: **3 OR BETTER**
☐	NCTC Dual Credit: **3 HOURS IN ENGLISH OR MATH OR 9 HOURS IN ANY SUBJECT** **(Grade must be C or Higher)** UT OnRamps: **QUALIFIED FOR AT LEAST 3 HOURS in ANY SUBJECT**
	CAREER/MILITARY READINESS
	1 Complete Your Courses • Earn **4 credits** in your program of study • Take **at least 3 courses** • Make sure **1 course is at an advanced level** **2 Earn a Certification** • Obtain an **industry-based certification** approved by the **Texas Education Agency (TEA)** ✅ Complete both steps to achieve **Completer status**!
☐	Enlist in the US Armed Forces and earn a 31 or better on ASVAB
☐	Graduate with a completed Individualized Plan (IEP) and complete a Program of Study and show Workforce Readiness

PLANNING FOR POST-SECONDARY/COLLEGE TESTING INFORMATION (COLLEGE READINESS FOR CCMR)

Preliminary College exam: PSAT/NMSQT: (DIGITAL-APPROVAL FOR ACCOMMODATIONS must be requested and submitted to SHS testing coordinator).

The PSAT/NMSQT (Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualifying Test) is a standardized test that measures developed verbal, mathematical, and writing reasoning abilities important for success in college. It can provide students with valuable information about academic strengths and weaknesses for competitive college entrance and help assess personal test taking skills. In the test, the student is given verbal, mathematical, and writing information and is asked to reason with the material to find the correct answers. The PSAT/NMSQT gives students practice for taking the SAT because both tests have the same type of questions and similar scores. Taking the PSAT/NMSQT helps students plan for college, gives students an idea of how they will do on a college admission test, and helps them identify colleges that seek students like themselves.

College Entrance exams: SAT/ACT: (DIGITAL-APPROVAL FOR ACCOMMODATIONS must be requested and submitted to SHS testing coordinator).

Many universities require college entrance exams. The two most widely used are SAT (www.collegeboard.org) and ACT (www.act.org). You can visit their websites for information on fees, registration, preparation, test dates and deadlines, career and college searches, and information management.

See your campus Counselor for additional information or opportunities.
SAT Readiness Center College Board and Khan Academy have partnered to help students prepare for the SAT through a personalized free practice program. Log onto the following link for additional information: https://www.khanacademy.org/sat?affiliateid=aru%7Canypage&bannerid=ue%7Ckhan-sat-pracday

Texas College Placement exam: TSI: (limited Accommodations for TSI…see SHS testing coordinator for availability)

The TSI Assessment has been approved by the Texas Higher Education Coordinating Board, under Senate Bill 286, Texas Education Code [TEC] 51.3062: Texas Success Initiative (TSI), for use by Texas institutions of higher education as an assessment instrument for entering students. The TSI provides information about the reading, mathematics, and writing skills of students entering Texas public colleges and universities.

Who Must Take the Test?

- Students who plan to enroll in a Texas public college or university must take the TSI Assessment before enrolling in any college coursework.
- Students are still in high school and are taking college-level courses for credit or are taking dual credit courses are required to take the TSI.

Who Is Exempt from Taking the Test?
Students are exempt from taking the TSI Assessment if any one of the following conditions listed below apply:
(*Note: PSAT only qualifies students for college readiness for dual credit.)

ASSESSMENT	MATHEMATICS	READING/WRITING
ACT	22 Math	40 Reading & English Combined
SAT	500 Math	480 Critical Reading
TSIA-2 Assessment	950 Math (or) > 910 Math, Diagnostic 6	ELAR Combined 945 w/5 on Essay (or) > 910 w/5 on Essay, Diagnostic 5
STAAR/EOC *Only for 11th enrollment	Algebra 1 – 4000 and passing with C or better in Algebra 2	English 2 - 4000

PLANNING FOR POST-SECONDARY/PAYING FOR COLLEGE



Texas Education Code (TEC), 28.0256 states that each student must provide proof of completion in doing one of the following in order to graduate beginning with the 2022 graduates and after.

- ***Complete and submit a Free Application for Federal Student Aid (FAFSA);***
- ***Complete and submit a Texas Application for State Financial Aid (TASFA); or***
- ***Submit a signed opt-out form.***

Scholarships and Financial aid are found in many different areas locally, state-wide, and even nationally. Financial aid can come from federal, state, school, and private sources to help you pay for college or career school. Types of aid include grants, scholarships, loans, work study jobs, and tax benefits. Federal student aid covers expenses such as tuition and fees, room and board, books and supplies, and transportation.

FAFSA

The FAFSA is available for students during their senior year (as well as each following year as long as they are in post-secondary education or training). Apply for federal student aid using the Free Application for Federal Student Aid (FAFSA) form which can be completed at this link: https://studentaid.ed.gov, starting October 1. SHS counselors will work with students through their senior year to help them understand and begin the submission process. Please be careful that you are on the correct website, as there are fake websites that exist to try and get your confidential information.

To get started filling out the FAFSA, you will need to provide:
• E-mail address
  o Do not use the same email address as your parent , use a personal email (not school email)
• FSA ID username
• FSA ID password
• Social Security Number, date of birth and name (should match what is printed on your social security card)

TASFA

The TASFA (Texas Application for State Financial Aid) collects information to help determine eligibility for state financial aid programs administered by institutions of higher education in the state of Texas. Foreign or non-citizen students classified as Texas Residents who are not eligible to apply for federal financial aid using the FAFSA are encouraged to complete the TASFA.

Other avenues for scholarships or financial assistance include applying for scholarships to all colleges applied to, as well as local and national scholarships. Some helpful websites for these include:
• College for Texans: www.collegeforalltexans.com
• Minority Student Scholarships: www.uncf.org/scholarships
• Fastweb: www.fastweb.com
• The College Board: https://bigfuture.collegeboard.org/pay-for-college/financial aid
• ACT: https://forms.act.org/act-profile/
• Also, check your campus website and with your campus counseling department

If you are choosing the opt-out option please contact your high school counselor for the required form or use the following link: https://tea.texas.gov/sites/default/files/opt-out_revised_10.2021_final_english.pdf

NCAA/NAIA Eligibility Information

NATIONAL COLLEGIATE ATHLETIC ASSOCIATION (NCAA)

Many college sports are regulated by the National Collegiate Athletic Association (NCAA), an organization that has established rules on eligibility, recruiting and financial aid. If students are applying to college and plan to participate in Division I or Division II sports, they must be certified by the NCAA Initial-Eligibility Clearinghouse. The Clearinghouse will analyze academic information and determine if students meet the NCAA's initial-eligibility requirements. Specific academic and college entrance exam requirements for Division I and Division II sports can be found on the NCAA website at www.eligibility center.org.

A free copy of *The Guide for the College Bound Student-Athlete* is available by calling 1-800-638-3731 or by visiting the website at www.eligibilitycenter.org for more information

Students should register with the appropriate Eligibility Center at the beginning of their junior year in high school. At the end of the student's junior year, a transcript which includes six semesters of grades, should be sent to the appropriate Eligibility Center from the high school. Additionally, students should have their SAT or ACT scores forwarded directly to the Eligibility Center whenever they take the exam.

NATIONAL ASSOCIATION OF INTERCOLLEGIATE ATHLETICS (NAIA)

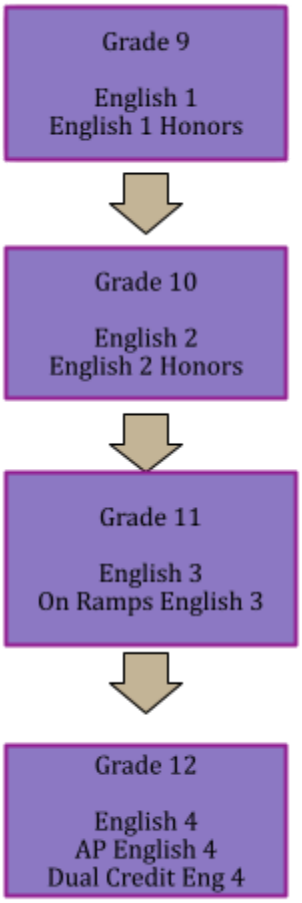
Students interested in playing sports at an NAIA college or university should visit the following link to learn more about the specific requirements: https://www.playnaia.org/eligibility-center



COURSE DESCRIPTIONS

- ENGLISH LANGUAGE ARTS
- MATHEMATICS
- SCIENCE
- SOCIAL STUDIES
- WORLD LANGUAGES
- FINE ARTS
- PHYSICAL EDUCATION AND ATHLETICS
- ACADEMIC ELECTIVES

SEQUENCE OF COURSEWORK_____ENGLISH LANGUAGE ARTS



COURSE LIST _____ ENGLISH LANGUAGE ARTS

Texas Essential Knowledge and Skills - View Here

Course	Grade Level	Credit Earned
English 1	9	1
English 1 Honors	9	1
English 2	10	1
English 2 Honors	10	1
English 3	11	1
On Ramps English 3	11	1
English 4	12	1
AP English 4	12	1
Dual Credit English 4	12	1
Professional Communications	9-12	0.5 Elective
Dual Credit Speech	10-12	0.5 Elective
English Language Development	9-12	1 Elective
Journalism (Yearbook)	9-12	1 Elective
College Prep ELA	12	0.5 Elective

H01010 English 1

Grade(s): 9
Credit: 1, GPA Level: 1, Campus: SHS
Prerequisites: None

English 1 extends the students' understanding of language as a communication tool through an in-depth study of grammar, writing, world literature, nonfiction, research, and PSAT vocabulary. Students will develop reading comprehension skills, higher level thinking skills, and composition fluency by reading and engaging in oral and written analysis of a variety of texts. Some outside reading and writing is required.

H0101P Honors English 1

Grade(s): 9
Credit: 1, GPA Level 2, Campus: SHS
Prerequisites: None
Notes: Characteristics of students achieving success in advanced courses (see page 24).

Honors English 1 extends the students' understanding of language as a communication tool through an in-depth study of grammar, writing, world literature, nonfiction, research, and PSAT vocabulary. Students will develop reading comprehension skills, higher level thinking skills, and composition fluency by reading and engaging in oral and written analysis of a variety of texts. For honors classes, outside reading and writing is required. Honors English 1 places greater emphasis on critical thinking skills, student interaction, and independent research. The majority of student writing assignments will be literary analysis papers, timed in-class writing, and expository essays. This course includes independent reading, writing, and research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average.

H01020 English 2

Grade(s): 10
Credit: 1, GPA Level 1, Campus: SHS
Prerequisites: English 1

English 2 includes literature and vocabulary interspersed with intensive preparation in reading, composition and usage skills. Writing includes literary analysis of writing devices as well as comparison /contrast short responses, persuasive and expository compositions. Vocabulary development, language usage, grammar, and elements of style receive special priority in the study of both literature and language. Students also become more skilled in reading and evaluating short stories, novels, plays, and poetry.

H0102P Honors English 2

Grade(s): 10
Credit: 1, GPA Level 2, Campus: SHS
Prerequisites: English 1 or Honors English 1
Notes: Characteristics of students achieving success in advanced courses (see page 24).

Honors English 2 is an advanced level English course designed for students identified with a high degree of skills in reading, writing, and interpretation of literature. The course provides for the development of high-level thinking skills and an intensive study of literature and composition. Literary studies reflect greater quantity, depth of understanding, and evaluation of short stories, novels, plays, and poetry. This course includes independent reading, writing, and research components that will exceed those presented in an on-level course. Honors English 2 continues to develop skills acquired in Honors English 1 and focuses on the necessary skills for success in AP English 3. This course includes independent reading, writing, and research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average.

H01030 English 3

Grade(s): 11
Credit: 1, GPA Level 1, Campus: SHS
Prerequisites: English 2

English 3 is a chronological study of the development of American literature through various genres including: non-fiction, poetry, short stories, drama, and novels. Students will analyze and evaluate informational and literary works in conjunction with American historical events beginning with the Native American oral tradition and continuing into the contemporary period of the present. Students will explore major questions surrounding the American identity, literature as a reflection and shaper of society, and the relationship between literature and setting. In tandem with literary study, they will also sharpen vocabulary and grammar skills through interactive activities and writing assignments. Multiple choice, open-response, and essay assessments will measure students' progress throughout their study of the content.

H0103T On Ramps English 3 (Language and Composition)

Grade(s): 11
Credit: 1, GPA Level Advanced, Campus: SHS
Prerequisites: English 2 or Honors English 2
Notes: Characteristics of students achieving success in advanced courses (see page 24).
For more information about OnRamps refer to page 26.

This two-semester, six-credit writing intensive sequence features a fall semester course in argumentation, which is essential to leadership communication skills. It is followed by a spring semester topics course, which furthers students' writing in their application of rhetorical skill by analyzing texts related to American identities. Over the two courses, students will research and analyze the various positions held in any public debate and learn to advocate their own positions effectively through a process of drafts and revisions. In the fall, students will explore the ethics of argumentation and what it means to fairly represent someone with whom they disagree. By the spring, students are ready to analyze arguments presented by others, research a topic of their own, and craft sound and effective arguments. Across these two courses, students will develop their skills and knowledge to write four- to six-page essays and read non-fiction text aligned to college expectations for critical writing, reading, research, and analysis.

In order to be eligible for Dual Credit English 4, ENGL 1301 must be earned (first semester of OnRamps English 3).

H01040 English 4

Grade(s): 12
Credit: 1, GPA Level 1, Campus: SHS
Prerequisites: English 3

English 4 students will study a variety of literary and expository works with emphasis on major works of British and World Literature. The course emphasizes the history and development of the English language, the art of critical thinking and writing, the techniques of research, and all grammatical structures that aid in effective communication. Students will apply the writing process to produce essays for a variety of purposes. The course includes instruction in the research process to support students in producing a formal research paper.

H0104P AP English 4 (Literature and Composition)

Grade(s): 12
Credit: 1, GPA Level Advanced, Campus: SHS
Prerequisites: English 3 or On Ramps English 3
Notes: Characteristics of students achieving success in advanced courses (see page 24).
The course follows a national curriculum established by College Board.
Depending on the policies of the college and the score achieved on the AP exam, students can receive college credit. A fee is required for the AP exam. (see page 25)

AP English 4 is designed to demonstrate high levels of proficiency in the composition process and study of literature. This course will focus on advanced language, composition, and literature. This course will stress development of skills in reading and analyzing literature, both poetry and prose, and refining essays written in various modes of disclosure and rhetorical strategies. Students will intensively study representative works of recognized literary merit from various genres and periods with emphasis on works by British and world literature authors, write on both literary and nonliterary topics, and do extensive independent reading and research. This course includes independent reading, writing, and research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average.

H0104D Dual Credit English 4 Literature

Grade(s): 12
Credit: 1, GPA Level Advanced, Campus: SHS
Prerequisites: ENGL 1301 (Spring OnRamps English 3)
TSI Ready, NCTC Acceptance/Registration/Fees
Notes: Characteristics of students achieving success in advanced courses (see page 24).
For complete dual credit application/registration instructions see page 27.

ENGL 2322, 0.5 Credit (Fall)
Students will study a variety of literary and expository works with emphasis on major works including British and World Literature. Students will apply the writing process to produce essays for a variety of purposes. The course includes instruction in the research process to support students in producing a formal research paper.

ENGL 2323, 0.5 Credit (Spring)
Students will study a variety of literary and expository works with emphasis on major works including British and World Literature. Students will apply the writing process to produce essays for a variety of purposes. The course includes instruction in the research process to support students in producing a formal research paper.

This course includes independent reading, writing, and research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average.

H11140 Professional Communications

Grade(s): 9-12
Credit: 0.5, GPA Level 0, Campus: SHS
Prerequisites: None
Note: Course is required for Freshman students to earn the speech proficiency graduation requirement.

Professional Communications blends written, oral, and graphic communication in a career-based environment. Careers in the global economy require individuals to be creative and have a strong background in computer and technology applications, a strong and solid academic foundation, and a proficiency in professional oral and written communication. Within this context, students will be expected to develop and expand the ability to write, read, edit, speak, and listen.

H01075 Dual Credit Speech

Grade(s): 10-12
Credit: 0.5, GPA Level 0, Campus: NCTC Online
Prerequisites: TSI Ready, NCTC Acceptance/Registration/Fees
Notes: Characteristics of students achieving success in advanced courses (see page 24).
For complete dual credit application/registration instructions see page 27.

SPEECH 1315, 0.5 Credit (Fall/Spring)
Speech blends written, oral, and graphic communication in a career-based environment. Careers in the global economy require individuals to be creative and have a strong background in computer and technology applications, a strong and solid academic foundation, and a proficiency in professional oral and written communication. Within this context, students will be expected to develop and expand the ability to write, read, edit, speak, listen, apply software applications, manipulate computer graphics, and conduct Internet research.

H English Language Development and Acquisition 1/2

Grade(s): 9-12
Credit: 1.0, GPA Level 0, Campus: SHS
Prerequisites: None
Note: This course is designed to take concurrently with students' English courses.

English Language Development and Acquisition is designed to provide instructional opportunities for secondary recent immigrant students with little or no English proficiency. This course enables students to become increasingly more proficient in English in all four language domains including: cognitive, linguistic, and affective needs.

H01060 Journalism (Yearbook)

Grade(s): 9-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: None (teacher approval)

Journalism is a course where students are expected to plan, draft, and complete written compositions on a regular basis, carefully examining their papers for clarity, engaging language, and the correct use of the conventions and mechanics of written English. In Journalism, students are expected to write in a variety of

forms and for a variety of audiences and purposes. Students will become analytical consumers of media and technology to enhance their communication skills. Published work of professional journalists, technology, and visual and electronic media are used as tools for learning as students create, clarify, critique, write, and produce effective communications. Students enrolled in Journalism will learn journalistic traditions, research self-selected topics, write journalistic texts, and learn the principles of publishing.

Students will use all listed skills to create and design the SHS Yearbook.

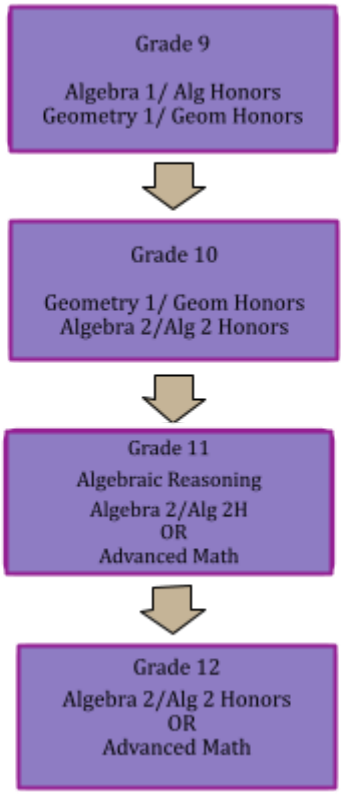
HCP100 **College Prep for ELA**

Grade(s): 12
Credit: 0.5, GPA Level 0, Campus: SHS
Prerequisites: TSI must be attempted twice (once during senior year) and once after the course is completed.

This course uses the online Texas College Bridge Curriculum. This is a self-paced course that has a teacher support built in, but the student is responsible for completing all of the requirements. This course will be offered as an "outside of the school day" course, with some Tribe Time requirements. If a student completes all of the requirements, there are possibilities that the student will earn a TSI exemption at the university level. Please refer to the list of universities/colleges that are partnered with Texas College Bridge.

**This course is under review with the Texas Education Agency.

SEQUENCE OF COURSEWORK_____MATHEMATICS



Please Note: Students that take high school math in middle school must still take four math courses in high school. Any math course taken in middle school for high school credit will not calculate in GPA. Having four years of math in high school, helps to ensure students are college and career ready upon graduation.

Advanced Math Courses:

Precalculus
Precalculus Honors
AP Calculus
Statistics
On Ramps Statistics

COURSE LIST _____ MATHEMATICS

Texas Essential Knowledge and Skills - View Here

Course	Grade Level	Credit Earned
Algebra 1	8-9	1
Algebra 1 Honors	9	1
Geometry	9-10	1
Geometry Honors	9-10	1
Algebraic Reasoning	11	1
Algebra 2	10-12	1
Algebra 2 Honors	10-12	1
PreCalculus	11-12	1
PreCalculus Honors	11-12	1
Dual Credit College Algebra	11-12	0.5
AP Calculus	11-12	1
Statistics	12	1
On Ramps Statistics	12	1
College Prep for Math	12	0.5 Elective

H02010 Algebra 1

Grade(s): 9
Credit: 1, GPA Level 1, Campus: SHS
Prerequisites: None

In Algebra 1, students will build on the knowledge and skills for mathematics which provide a foundation in linear relationships, number and operations, and proportionality. Students will study linear, quadratic, and exponential functions and their related transformations, equations, and associated solutions. Students will connect functions and their associated solutions in both mathematical and real-world situations. In addition, students will study polynomials of degrees, radical expressions, sequences, and laws of exponents. This class is a prerequisite for every other math course and will be taken by most ninth grade students who have not completed it in middle school.

Starting with graduating class of 2025 Note: Students who have successfully completed this course in the 8th grade will receive a high school elective credit for this course, but the grade earned will be counted as a high school elective, and will not be included in student's GPA Students will be required to take 4 math credits during their high school years.

H0201P Honors Algebra 1

Grade(s): 9
Credit: 1, GPA Level 2, Campus: SHS
Prerequisites: None
Notes: Characteristics of students achieving success in advanced courses (see page 24).

Honors Algebra 1 content is studied in greater depth for students with advanced mathematical ability who are interested in studying algebra at an enriched level. The basic content is the same as regular algebra, but will include additional topics with a great emphasis on higher level thinking. Students will build on the knowledge and skills for mathematics which provide a foundation in linear relationships, number and operations, and proportionality. Students will study linear, quadratic, and exponential functions and their related transformations, equations, and associated solutions. Students will connect functions and their associated solutions in both mathematical and real-world situations. In addition, students will study polynomials of degrees, radical expressions, sequences, and laws of exponents. This course includes independent research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average.

H02030 Geometry

Grade(s): 9-10
Credit: 1, GPA Level 1, Campus: SHS
Prerequisites: Algebra 1

Geometry students will build on the knowledge and skills for mathematics to strengthen their mathematical reasoning skills in geometric contexts. Within the course, students will begin to focus on precise terminology, symbolic representations, and the development of proofs. Students will explore concepts covering coordinate and transformational geometry; logical argument and constructions; proof and congruence; similarity, proof, and trigonometry; two- and three-dimensional figures; circles; and probability. In the logical arguments and constructions strand, students are expected to create formal constructions using a straightedge and compass. Though this course is primarily Euclidean geometry, students should complete the course with an understanding that non-Euclidean geometries exist. In proof and congruence, students will use deductive reasoning to justify, prove and apply theorems about geometric figures.

H0203P **Honors Geometry**

Grade(s): 9-10
Credit: 1, GPA Level 2, Campus: SHS
Prerequisites: Algebra 1 or Honors Algebra 1
Notes: Characteristics of students achieving success in advanced courses (see page 24).

Honors Geometry provides an enriched course of study for students with strong math skills. The content is studied in greater depth and may include additional topics than geometry. Honors geometry students will build on the knowledge and skills for mathematics to strengthen their mathematical reasoning skills in geometric contexts. Within the course, students will begin to focus on precise terminology, symbolic representations, and the development of proofs. Students will explore concepts covering coordinate and transformational geometry; logical argument and constructions; proof and congruence; similarity, proof, and trigonometry; two- and three-dimensional figures; circles; and probability. In proof and congruence, students will use deductive reasoning to justify, prove and apply theorems about geometric figures. This course includes real-world applications of geometrical concepts that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average.

H02065 **Algebraic Reasoning**

Grade(s): 11
Credit: 1, GPA Level 1, Campus: SHS
Prerequisites: Algebra 1, Geometry

Algebraic Reasoning students use algebraic, graphical, and geometric reasoning to recognize patterns and structure, to model information, and to solve problems from various disciplines. Students continue with the development of mathematical reasoning related to algebraic understandings and processes, and deepen a foundation for studies in subsequent math courses.

H02020 **Algebra 2**

Grade(s): 10-12
Credit: 1, GPA Level 1, Campus: SHS
Prerequisites: Algebra 1, Geometry

Algebra 2 students will broaden their knowledge of quadratic functions, exponential functions, and systems of equations. Students will study logarithmic, square root, cubic, cube root, absolute value, rational functions, and their related equations. Students will connect functions to their inverses and associated equations and solutions in both mathematical and real-world situations. In addition, students will extend their knowledge of data analysis and numeric and algebraic methods.

H02020P **Honors Algebra 2**

Grade(s): 10-12
Credit: 1, GPA Level 2, Campus: SHS
Prerequisites: Algebra 1, Geometry, or Honors
Notes: Characteristics of students achieving success in advanced courses (see page 24).

Honors Algebra 2 curriculum provides an advanced course of study for students with strong math skills. Students will broaden their knowledge of quadratic functions, exponential functions, and systems of equations. Students will study logarithmic, square root, cubic, cube root, absolute value, rational functions, and their related equations. Students will connect functions to their inverses and associated equations and solutions in both mathematical and real-world situations. In addition, students will extend their knowledge of data analysis and numeric and algebraic methods. This course is an accelerated course that requires to think at a higher level. This course includes real-world applications of Algebra 2 concepts that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average.

H02040 Pre-Calculus

Grade(s): 11-12
Credit: 1, GPA Level 2, Campus: SHS
Prerequisites: Algebra 2
Notes: Characteristics of students achieving success in advanced courses (see page 24).

Pre-Calculus integrates the topics of functions, equations, and limits as useful tools for expressing generalizations and as means for analyzing and understanding a broad variety of mathematical relationships. Functions are used to represent and connect ideas in geometry, probability, statistics, trigonometry, and calculus and to model physical situations. Topics include polynomial, rational, radical, exponential, logarithmic, trigonometric, and piecewise-defined functions, sequences and series, parametric representations of conic sections, and vectors. In preparation for the college placement and acceptance exams (TSI, SAT, and ACT) there are units where graphing calculators will not be used while other units are highly recommended (TI-83, TI-84 or comparable models).

H0204P Honors Pre-Calculus

Grade(s): 11-12
Credit: 1, GPA Level 2, Campus: SHS
Prerequisites: Algebra 2 or Honors
Notes: Characteristics of students achieving success in advanced courses (see page 24).

Honors Pre-calculus approaches topics from a function point of view, where appropriate, and is designed to strengthen and enhance conceptual understanding and mathematical reasoning used when modeling and solving mathematical and real-world problems. Students systematically work with functions and their multiple representations. The study of pre-calculus deepens student's mathematical understanding and fluency with algebra and trigonometry and extends their ability to make connections and apply concepts and procedures at higher levels. Students investigate and explore mathematical ideas, develop multiple strategies for analyzing complex situations, and use technology to build understanding, make connections between representations. There are units where graphing calculators will not be used while other units are highly recommended (TI-83, TI-84 or comparable models). This course includes independent research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average.

First semester students would be provided an opportunity to take the College Algebra class embedded into Honors Pre-Calculus; and second semester students would be provided an opportunity to take the College Trigonometry class embedded into Honors Pre-Calculus. Students would need to pass the TSI, apply, and register with NCTC (see page 27).

H0205D Dual Credit College Algebra

Grade(s): 11-12
Credit: 0.5, GPA Level 2, Campus: SHS
Prerequisites: TSI Ready, NCTC Acceptance/Registration/Fees
Notes: Characteristics of students achieving success in advanced courses (see page 24).
For complete dual credit application/registration instructions see page 27.
Course is embedded in the fall semester of Honors Pre-Calculus.

MATH 1314, 0.5 credit (Fall)
College Algebra Dual Credit will be an in-depth study and application of polynomial, rational, radical, exponential, and logarithmic functions. Systems of equations using matrices, graphing, and algebraic methods will also be an area of study. The course may include additional topics such as sequences, series, probability, and conics. This course includes independent research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average.

H02080 Statistics

Grade(s): 12
Credit: 1, GPA Level 1, Campus: SHS
Prerequisites: Algebra 2 or Honors

Students will broaden their knowledge of variability and statistical processes. Students will study sampling and experimentation, categorical and quantitative data, probability and random variables, inference, and bivariate data. Students will connect data and statistical processes to real-world situations. In addition, students will extend their knowledge of data analysis.

H0208T On Ramps Statistics

Grade(s): 11-12
Credit: 1, GPA Level Advanced, Campus: SHS
Prerequisites: Algebra 2 or Honors
Notes: Characteristics of students achieving success in advanced courses (see page 24).
For more information about OnRamps refer to page 26.

In this introductory statistics course, high school students have the opportunity to develop the quantitative reasoning skills and habits of mind necessary to use data science and mathematical thinking effectively across multiple disciplines. This course will hone relevant mathematical and critical thinking skills through scaffolded learning experiences and statistical methodologies. Students will learn the foundations of data science by engaging in hands-on analysis of real data, methods to extract key insights, and coding skills aligned to the expectations of higher education and today's workplace.

Students will experience interactive applications built into the high-quality curriculum designed by the faculty at the University of Texas at Austin (UT Austin), allowing them to discover a more intuitive understanding of concepts. Collaborative problem-solving will be used to strengthen mathematical connections while individual depth of understanding will be reflected in regular assessments. Students can earn three hours of UT Austin credit with feedback and assessment provided by UT Austin course staff.

H02060 AP Calculus

Grade(s): 12
Credit: 1, GPA Level Advanced, Campus: SHS
Prerequisites: PreCalculus or Honors
Notes: Characteristics of students achieving success in advanced courses (see page 24).
The course follows a national curriculum established by College Board.
Depending on the policies of the college and the score achieved on the AP exam, students can receive college credit. A fee is required for the AP exam. (see page 25)

AP Calculus AB is primarily concerned with developing the student's understanding of the concepts of calculus. Successful completion of AP Calculus AB is equivalent to the first semester of college level calculus. This course emphasizes a multi-representational approach to calculus, with concepts, results, and problems being expressed geometrically, numerically, analytically, and verbally. The connections among these representations also are important. The first semester includes limits, continuity, and derivatives with applications. The second semester includes the study of infinite series and integration with applications. This course includes independent research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average.

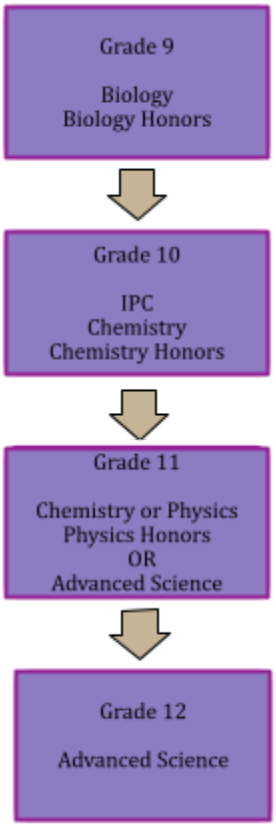
HCP200 **College Prep for Math**

Grade(s): 12
Credit: 0.5 (elective credit), GPA Level 0, Campus: SHS
Prerequisites: TSI must be attempted twice (once during senior year) and once after the course is completed.

This course uses the online Texas College Bridge Curriculum. This is a self-paced course that has a teacher support built in, but the student is responsible for completing all of the requirements. This course will be offered as an "outside of the school day" course, with some Tribe Time requirements. If a student completes all of the requirements, there are possibilities that the student will earn a TSI exemption at the university level. Please refer to the list of universities/colleges that are partnered with Texas College Bridge.

**This course is under review with the Texas Education Agency.

SEQUENCE OF COURSEWORK_____SCIENCE



Advanced Science Courses:

Physics or Chemistry
Environmental Systems
AP Environmental Science
Forensic Science
Anatomy & Physiology
Advanced Animal Science
OnRamps Biology
Dual Credit Biology

COURSE LIST _____ SCIENCE

Texas Essential Knowledge and Skills - View Here

Course	Grade Level	Credit Earned
Biology	9	1
Biology Honors	9	1
IPC	10	1
Chemistry	10-11	1
Chemistry Honors	10-11	1
Physics	11-12	1
Physics Honors	11-12	1
Environmental Science	12	1
AP Environmental Science	11-12	1
Forensic Science	12	1
Anatomy and Physiology	12	1
Advanced Animal Science	12	1
On Ramps Biology	11-12	1
Dual Credit Biology	11-12	1

H03010 **Biology**

Grade(s): 9
Credit: 1, GPA Level 1, Campus: SHS
Prerequisites: None

Biology provides students with an understanding of the relationships of different forms of life as they function in their environment. Students in this course will develop an understanding of the major themes of biology such as the characteristics of life, chemistry of life, cellular biology, genetics, evolution, anatomy, and ecology. The course includes a study of the nature of science and scientific investigations, molecular and cellular biology and patterns of heredity. A survey of organisms from the unicellular to the multi-cellular level and their interactions within ecosystems. Course work will include inquiry-based labs and hands-on activities that will reinforce topics.

H0301P **Honors Biology**

Grade(s): 9
Credit: 1, GPA Level 2, Campus: SHS
Prerequisites: None
Notes: Characteristics of students achieving success in advanced courses (see page 24).

Honors Biology is a more advanced science class where the level of problem solving is at a higher level with a stronger focus on writing skills including lab reports and essay prompts on unit tests. Honors Biology provides students with an understanding of the relationships of different forms of life as they function in their environment. Students in this course will develop an understanding of the major themes of biology such as the characteristics of life, chemistry of life, cellular biology, genetics, evolution, anatomy, and ecology. The course includes a study of the nature of science and scientific investigations, molecular and cellular biology and patterns of heredity. A survey of organisms from the unicellular to the multi-cellular level and their interactions within ecosystems. Course work will include inquiry-based labs and hands-on activities that will reinforce topics. All classes are in a laboratory setting.

H03050 **Integrated Physics and Chemistry (IPC)**

Grade(s): 10
Credit: 1, GPA Level 1, Campus: SHS
Prerequisites: Biology

Integrated Physics and Chemistry integrates the disciplines of physics and chemistry. In the fall, chemistry examines the properties of elements, compounds, and mixtures. Chemical reactions and chemical processes are observed and explained at the atomic, and molecular level. Physics is studied in the spring. Physics will examine the principles of motion and energy, investigating speed, momentum, types of energy, and Newton's law of motion. Other key topics include magnetism, thermodynamics, waves, sound, light, and electricity. Students will integrate conceptual understandings, algebra skills and an ongoing laboratory experience to develop the fundamentals of problem solving, laboratory work, and the practical applications of Chemistry and Physics.

H03030 **Chemistry**

Grade(s): 10
Credit: 1, GPA Level 1, Campus: SHS
Prerequisites: Biology, Algebra 1

Chemistry is an introductory study of properties and changes in matter. The structure and composition of matter and the changes it undergoes are studied. There is special emphasis in this course on classification of matter, periodic properties, bonding, thermochemistry, acids and bases, and mixtures. Laboratory experiments emphasize basic techniques such as making observations, taking measurements, recording data, and making calculations from the data. All classes are in a laboratory setting.

H0303P **Honors Chemistry**

Grade(s): 10
Credit: 1, GPA Level 2, Campus: SHS
Prerequisites: Biology, Algebra 1 or Honors
Notes: Characteristics of students achieving success in advanced courses (see page 24).

Honors Chemistry covers the same material as on-level Chemistry but with greater focus on self-guided inquiry, peer discussions, and independent study. This course focuses on atomic and electronic structure, stoichiometry, gas laws, bonding and molecular structure, solution chemistry, acid-base theory, and qualitative analysis. The pace of this course requires self-direction and a significant amount of work to be done at home to support the rigorous laboratory investigations and math intensive problem based learning in this lecture/demonstration course. This course includes independent reading, writing, and research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average.

H03040 **Physics**

Grade(s): 11-12
Credit: 1, GPA Level 1, Campus: SHS
Prerequisites: Algebra 1

The emphasis in physics is on concepts governing the behavior of objects in the real world, using logic and mathematical principles. Students conduct field and laboratory investigations, use scientific/technology methods during investigations and scientific problem solving to study a variety of topics including: laws of motion; changes within physical systems and conservation of energy and momentum; force; thermodynamics, characteristics and behavior of waves; optics; electronics and quantum physics.

H0304P **Honors Physics**

Grade(s): 11-12
Credit: 1, GPA Level 2, Campus: SHS
Prerequisites: Algebra 1 or Honors
Notes: Characteristics of students achieving success in advanced courses (see page 24).

Honors physics is an advanced level science course that explores the physical laws of the universe. This course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound. It will also introduce electric circuits. This course includes independent reading, writing, and research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average.

H03020 **Environmental Science**

Grade(s): 12
Credit: 1, GPA Level 1, Campus: SHS
Prerequisites: None

Environmental Science is study a variety of topics that include: abiotic and biotic factors in habitats; ecosystems and biomes, interrelationships among resources and an environmental system; sources and flow of energy through an environmental system; relationship between carrying capacity and changes in populations and ecosystems; and changes in environments. Students conduct field and laboratory investigations using scientific methods and present a project to offer solutions to environmental issues.

H0302A **AP Environmental Science**

Grade(s): 11-12
Credit: 1, GPA Level Advanced, Campus: SHS
Prerequisites: None
Notes: Characteristics of students achieving success in advanced courses (see page 24).
The course follows a national curriculum established by College Board.
Depending on the policies of the college and the score achieved on the AP exam, students can receive college credit. A fee is required for the AP exam. (see page 25)

AP Environmental Science is designed to be the equivalent of a one-semester, introductory college course in environmental science. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. AP Environmental science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography. This course includes independent research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average.

H11710 **Forensic Science**

Grade(s): 12
Credit: 1, GPA Level 1, Campus: SHS
Prerequisites: Biology and Chemistry, and Criminal Investigation
Note: This course will have limited space. Priority students will be those pursuing a Criminal Justice program of study.

Forensic Science is a course that applies the technological practices of justice, with biological, chemical and physical science principles, to the study of criminal and civil issues. Major themes of study are pathology, anthropology, odontology, ballistics, trace evidence, biological fluids, DNA, and fingerprint evidence. Students will have the opportunity to collect and analyze such evidence through case studies and mock crime scenes. Lab activities will be based on crime scene scenarios. Students will also learn about the history and legal aspects of forensic science and career options available in the forensic field. **Note:** This course is a Career and Technology Education course.

H11340 **Anatomy and Physiology**

Grade(s): 12
Credit: 1, GPA Level 1, Campus: SHS
Prerequisites: Biology and 2nd science credit

The Anatomy and Physiology course is designed for students to conduct laboratory investigations, use scientific methods, and make informed decisions using critical thinking and scientific problem solving. Students in Anatomy and Physiology will study a variety of topics including study of the cells, tissues, and organ systems of the human body. Emphasis is on understanding the physiologic mechanisms maintaining homeostasis. The dynamics of cell membranes as well as the components and functions of the integumentary, skeletal, muscular, nervous, and endocrine systems will be studied. Through a variety of laboratory activities designed to complement lecture topics, students will have the opportunity to learn the anatomy of these organ systems and participate in activities which demonstrate key concepts associated with these organ systems. **Note:** This course is a Career and Technology Education course.

H11035 **Advanced Animal Science**

Grade(s): 12
Credit: 1, GPA Level 1, Campus: SHS
Prerequisites: Biology; Chemistry or IPC and Chemistry; Algebra 1; Geometry; Small Animal Science, Equine Science, or Livestock

Advanced Animal Science is designed to examine the interrelatedness of human, scientific, and technological dimensions of livestock production. Instruction is designed to expand one's knowledge of the scientific and technological dimensions of resources necessary for animal production. **Note:** This course is a Career and Technology Education course.

H0301U On Ramps Biology

Grade(s): 11-12
Credit: 1, GPA Level Advanced, Campus: SHS
Prerequisites: Biology Honors
Notes: Characteristics of students achieving success in advanced courses (see page 24).
For more information about OnRamps refer to page 26.

Molecular and cellular biology is the focus of this introductory biology course. This year-long course explores three big ideas of biology: the structure and function of biomolecules, the flow of energy through living systems via photosynthesis and cellular respiration, and how genetic information is expressed and transmitted both within and between cells.

At its core, this course is focused on **teaching students how to think like scientists.** How do scientists think? They acquire knowledge through discovery—both within and outside a laboratory environment. They communicate their conclusions to others and use critical feedback to improve their scientific thinking. With practice and continued application, scientists strengthen their skills in scientific thinking and grow their craft.

Students will learn how to apply critical thinking and quantitative skills to real-world scenarios. They will develop their scientific thinking skills through Peer Instruction, laboratory activities, and active learning in an inclusive classroom environment. Additionally, students will be guided in the development and integration of verbal, written, and graphical communication skills.

Note: This course cannot be changed at the level change window, as it does not have an alternate level to replace.

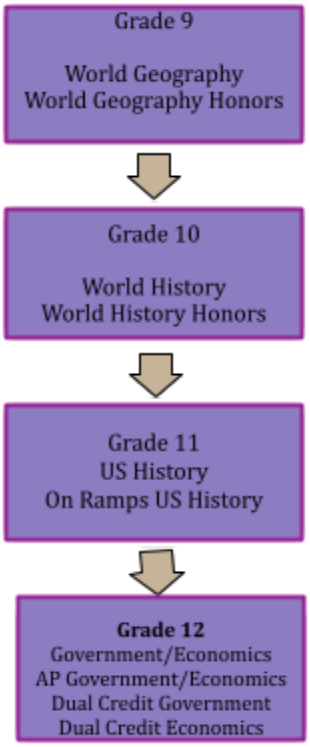
H0301D Dual Credit Biology

Grade(s): 11-12
Credit: 1, GPA Level Advanced, Campus: NCTC Online
Prerequisites: TSI Ready, NCTC Acceptance/Registration/Fees
Notes: Characteristics of students achieving success in advanced courses (see page 24).
For complete dual credit application/registration instructions see page 27.

BIOL 1406 Biology for Science Majors I, 0.5 credit (Fall)
Fundamental principles of living organisms will be studied, including physical and chemical properties of life, organization, function, evolutionary adaptation, and classification. Concepts of cytology, reproduction, genetics, and scientific reasoning are included. Laboratory activities will reinforce the fundamental principles of living organisms, including physical and chemical properties of life, organization, function, evolutionary adaptation, and classification. Study and examination of the concepts of cytology, reproduction, genetics, and scientific reasoning are included.

BIOL 1407 Biology for Science Majors II, 0.5 credit (Spring)
The course consists of a survey of key concepts in biology, biological chemistry, cell structure and function, genetics, evolution and ecology. The diversity and classification of life will be studied, including animals, plants, protists, fungi, and prokaryotes. Special emphasis will be given to anatomy, physiology, ecology, and evolution of plants and animals. Lab required.

SEQUENCE OF COURSEWORK_____SOCIAL STUDIES



COURSE LIST _____ SOCIAL STUDIES

Texas Essential Knowledge and Skills - View Here

Course	Grade Level	Credit Earned
World Geography	9	1
World Geography Honors	9	1
World History	10	1
World History Honors	10	1
US History	11	1
On Ramps US History	11	1
Government	12	0.5
AP Government	12	0.5
Dual Credit Government	12	0.5
Economics	12	0.5
AP Economics	12	0.5
Dual Credit Economics	12	0.5 Elective
Psychology	10-12	0.5 Elective
AP Psychology	10-12	0.5 Elective
Dual Credit Texas Government	11-12	0.5 Elective
Personal Finance Literacy	12	1

H04010 World Geography

Grade(s): 9
Credit: 1, GPA Level 1 Campus: SHS
Prerequisites: None

World Geography utilizes physical and cultural perspectives to examine people, places, and environments at local, regional, national, and international levels. A significant portion of the course centers around the physical processes that shape patterns in the physical environment; the characteristics of major landforms, climates, and ecosystems and interrelationships; the political, economic, and social processes that shape cultural patterns of regions; the distribution of movement of world population; relationships among people, places, and environments.

H0401P Honors World Geography

Grade(s): 9
Credit: 1, GPA Level 2, Campus: SHS
Prerequisites: None
Notes: Characteristics of students achieving success in advanced courses (see page 24).

Honors World Geography has a pace that is accelerated with differentiated student projects and assessments. Honors world geography presents a conceptual framework of people and their adaptation to their environment using case studies and class discussions to acquire a deeper understanding of our world. This course is designed to study the interaction of people and their physical environments in the major areas of the world. Content introduces the student to the five modern geographic themes and the unique vocabulary, tools, and methodologies of geographers. Students will study the physical, cultural, political, and economic activities of major world regions. This course includes independent reading, writing, and research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average.

H04030 World History

Grade(s): 10
Credit: 1, GPA Level 1, Campus: SHS
Prerequisites: World Geography

World history includes studies of the history and development of world cultures, past and present. The student will compare and analyze various ways of life and cultural patterns, contrast the diversity and commonality of human experiences and learn how these patterns occurred over time. The course will also focus on the relationship between geography, history, and contemporary world events.

H0403A Honors World History

Grade(s): 10
Credit: 1, GPA Level 2, Campus: SHS
Prerequisites: World Geography or Honors
Notes: Characteristics of students achieving success in advanced courses (see page 24).

Honors World History course develops a greater understanding of the evolution of global processes and contacts in different types of human societies. This course is advanced through a combination of selective factual knowledge and appropriate analytical skills. The course highlights the nature of changes in global frameworks and their causes and consequences, as well as comparisons among major societies. This course includes independent reading, writing, and research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average.

H04020 United States History

Grade(s): 11
Credit: 1, GPA Level 1, Campus: SHS
Prerequisites: World History

The U.S. History course covers the entire time period from the end of Reconstruction period through the modern day. Particular time is spent on the Civil War/ Reconstruction, World Wars I and II, and the Cold War. Students who take this course will be prepared to take the EOC exam which is given in early May of each school year. Reading comprehension and writing is essential for this course as there is a lot of independent reading.

H0402T On Ramps United States History

Grade(s): 11
Credit: 1, GPA Level Advanced, Campus: SHS
Prerequisites: World History or Honors
Notes: Characteristics of students achieving success in advanced courses (see page 24).
For more information about OnRamps refer to page 26.

In these two sequential courses, students explore the scope and depth of the American experience. Students engage with course material both independently and collaboratively to develop critical thinking skills, analyze evidence-based historical narratives, and conduct archival research. Each unit consists of primary and secondary sources that challenge students to uncover the complexities within historical study.

History 315K surveys America from the colonial beginnings through the Civil War, and History 315L explores the post-Civil War era through the beginning of the 21st century.

H04040 United States Government

Grade(s): 12
Credit: 0.5, GPA Level 1, Campus: SHS
Prerequisites: US History

The U.S. Government includes a study of Texas and the U.S. Constitutions. It provides students with an opportunity to explore political theories, leadership, decision making, political institutions, nature of laws, and the rights and responsibilities of American citizenship. Interpretation of current events is emphasized. Students are taught to process information using higher level thinking skills. Students will be encouraged to put their talents to work solving real world problems.

H0404A AP United States Government

Grade(s): 12
Credit: 0.5, GPA Level Advanced, Campus: SHS
Prerequisites: US History or Advanced
Notes: Characteristics of students achieving success in advanced courses (see page 24).
The course follows a national curriculum established by College Board.
Depending on the policies of the college and the score achieved on the AP exam, students can receive college credit. A fee is required for the AP exam. (see page 25)

AP Government and Politics provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles and behaviors that characterize the constitutional system and political culture of the United States. Students will study U. S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among

political institutions, processes, and behaviors. In addition, they will complete a political science research or applied civics project. **Note:** This course includes independent reading, writing, and research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average.

H0404D Dual Credit United States Government

Grade(s): 12
Credit: 0.5, GPA Level Advanced, Campus: SHS
Prerequisites: TSI Ready, NCTC Acceptance/Registration/Fees
Notes: Characteristics of students achieving success in advanced courses (see page 24).
For complete dual credit application/registration instructions see page 27.

GOVT 2305, 0.5 credit (Fall/Spring)
U. S. Government 2305 focuses on the origin and development of the U.S. Constitution. Additionally, this class covers the structure and powers of the national government including the legislative, executive, and judicial branches. Students will learn about federalism, political participation, the national election process, public policy, civil liberties, and civil rights.

This course includes independent reading, writing, and research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average.

H Economics/ Personal Finance Literacy

Grade(s): 12
Credit: 0.5, GPA Level 1, Campus: SHS
Prerequisites: US History

The Personal Financial Literacy and Economics (combined) course emphasizes the economic way of thinking, which serves as a framework for the personal financial decision-making opportunities introduced in the course. Students will demonstrate the ability to anticipate and address financial challenges as these challenges occur over their lifetime. In addition, students are introduced to common economic and personal financial planning terms and concepts. As a result of learning objective concepts and integrating subjective information, students gain the ability to lead productive and financially self-sufficient lives. **(This course is not currently NCAA approved.)**

H0500A AP Economics/ Free Enterprise

Grade(s): 12
Credit: 0.5, GPA Level Advanced, Campus: SHS
Prerequisites: US History or Advanced
Notes: Characteristics of students achieving success in advanced courses (see page 24).
The course follows a national curriculum established by College Board.
Depending on the policies of the college and the score achieved on the AP exam, students can receive college credit. A fee is required for the AP exam. (see page 25)

AP Economics is a college-level course that introduces students to the principles of economics that apply to the functions of individual economic decision-makers. The course also develops student's familiarity with the operation of product and factor markets, distributions of income, market failure, and the role of government in promoting greater efficiency and equity in the economy. Students learn to use graphs, charts, and data to analyze, describe and explain economic concepts. Other topics include international trade, economic growth, business cycles, and fiscal policy and monetary policy. **Note:** This course includes independent reading, writing, and research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average.

H0500D **Dual Credit Economics/ Free Enterprise**

Grade(s): 12
Credit: 0.5, GPA Level Advanced, Campus: SHS
Prerequisites: TSI Ready, NCTC Acceptance/Registration/Fees
Notes: Characteristics of students achieving success in advanced courses (see page 24).
For complete dual credit application/registration instructions see page 27.

ECON 2301, 0.5 credit (Fall/Spring)
Economic students will analyze the economy including the measurement and determination of Aggregate Demand and Aggregate supply, national income, inflation, and unemployment. Economics focus is on the basic principles concerning production, consumption, and distribution of goods and services. Other topics include international trade, economic growth, business cycles, and fiscal policy and monetary policy.
This course includes independent reading, writing, and research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average.

H04070 **Psychology**

Grade(s): 11-12
Credit: 0.5, GPA Level 0, Campus: SHS
Prerequisites: None

In Psychology, an elective course, students study the science of behavior and mental processes. Students examine the full scope of the science of psychology such as the historical framework, methodologies, human development, motivation, emotion, sensation, perception, personality development, cognition, learning, intelligence, biological foundations, mental health, and social psychology.

H0406A **AP Psychology**

Grade(s): 11-12
Credit: 0.5, GPA Level 0, Campus: SHS
Prerequisites: None
Notes: Characteristics of students achieving success in advanced courses (see page 24).
The course follows a national curriculum established by College Board.
Depending on the policies of the college and the score achieved on the AP exam, students can receive college credit. A fee is required for the AP exam. (see page 25)

AP Psychology is an elective one-semester course that introduces students to the systematic and scientific study of the behavior and mental processes of human beings. Students exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. This course introduces students to the systematic and scientific study of human behavior and mental processes by exploring key psychologists, theories, concepts, and phenomena.

H04072 **Dual Credit Texas Government: Special Topics in Social Studies**

Grade(s): 11-12
Credit: 0.5, GPA Level 0, Campus: NCTC Online
Prerequisites: TSI Ready, NCTC Acceptance/Registration/Fees
Notes: Characteristics of students achieving success in advanced courses (see page 24).
For complete dual credit application/registration instructions see page 27.

Govt 2306, 0.5 credit (Fall/Spring)
Students are provided the opportunity to develop a greater understanding of the historic, political, economic, geographic, multicultural, and social forces that have shaped their lives and the world in which they live. Students will use social science knowledge and skills to engage in national and logical analysis of complex problems using a variety of approaches, while recognizing and appreciating diverse human perspectives.

Personal Financial Literacy

Grade(s): 11-12
Credit: 0.5, GPA Level 0, Campus: SHS
Prerequisites: None

Personal Financial Literacy will develop citizens who have the knowledge and skills to make sound, informed financial decisions that will allow them to lead financially secure lifestyles and understand personal financial responsibility. This elective course does not satisfy the state Economics credit requirement for graduation.

***** This course is being evaluated from TEA. It has been proposed that this course will replace Economics beginning with the class of 2030. More information will be provided when released.**

COURSE LIST _____WORLD LANGUAGES

Texas Essential Knowledge and Skills - View Here

Course	Grade Level	Credit Earned
Spanish 1	8-11	1
Spanish 2	9-12	1
Honors Spanish 2	9-12	1
Honors Spanish 3	10-12	1
AP Spanish 4	11-12	1
Computer Science 1	9-11	1

COURSE DESCRIPTIONS_____WORLD LANGUAGES

H08110 **Spanish 1**

Grade(s): 8-11
Credit: 1, GPA Level 1, Campus: SHS
Prerequisites: None

Spanish 1 introduces the study of the Spanish language and culture through conversation, grammar, speaking, reading, and writing. Through the cultural sections in the text, as well as supplementary materials, students acquire some insight into and appreciation of many aspects of Hispanic life and culture. Through use of level-appropriate activities, students develop the ability to perform tasks of a novice language learner.

H08120 **Spanish 2**

Grade(s): 9-12
Credit: 1, GPA Level 1, Campus: SHS
Prerequisites: Spanish 1

Spanish 2 strengthens conversation and communication skills. Students produce conversations and short narratives and learn to read silently with comprehension and without translation material. Stress is placed on the accurate writing of grammatical structures, syntax, and familiar lexical items used in the reading strand of the program. Through identification of the principal heroes, leaders, and traditions of the Hispanic world, students continue their study of Hispanic culture.

H0812P **Honors Spanish 2**

Grade(s): 9-12
Credit: 1, GPA Level 2, Campus: SHS
Prerequisites: Spanish 1
Notes: Characteristics of students achieving success in advanced courses (see page 24).

Honors Spanish 2 strengthens conversation, and communication skills at a more advanced intermediate level. Students produce more advanced conversations and narratives and learn to read orally and silently with comprehension and without the use of electronic materials. Stress is placed on accurate writing of grammatical structures, syntax and everyday lexical items used in the reading strand of the program. Students will continue their study of Hispanic culture, history and geography. Students can expect a project each cycle and reading and writing activities that go beyond the regular Spanish II level. This course includes independent reading, writing, and research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average.

H0813P **Honors Spanish 3**

Grade(s): 10-12
Credit: 1, GPA Level 2, Campus: SHS
Prerequisites: Spanish 2 or Honors
Notes: Characteristics of students achieving success in advanced courses (see page 24).

Honors Spanish 3 continues to develop the Spanish language through vocabulary development, conversation, reading comprehension and composition. It broadens the student's understanding of Hispanic culture through a study of Hispanic literature and culture. It is designed to challenge the above average Spanish student. Advanced skills in listening, speaking, reading and writing are emphasized in this class. Advanced verb tenses, indicative and subjunctive, and grammar skills are a main focus. Spanish speaking countries' historical and cultural curriculum is completed. This course includes independent reading, writing, and research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average.

H0814A **AP Spanish 4**

Grade(s): 11-12
Credit: 1, GPA Level Advanced, Campus: SHS
Prerequisites: Honors Spanish 3
Notes: Characteristics of students achieving success in advanced courses (see page 24).
The course follows a national curriculum established by College Board.
Depending on the policies of the college and the score achieved on the AP exam, students can receive college credit. A fee is required for the AP exam. (see page 25)

AP Spanish 4 continues to develop the Spanish language through vocabulary development, conversation, reading comprehension and composition. It broadens the students' understanding of Hispanic culture through a study of Hispanic literature and culture. It is designed to challenge the above average Spanish student. Advanced skills in listening, speaking, reading and writing are emphasized in this class. Advanced verb tenses, indicative and subjunctive, and grammar skills are a main focus. Spanish speaking countries' historical and cultural curriculum is completed. This course includes independent reading, writing, and research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average.

H **Computer Science 1**

Computer Science I will foster students' creativity and innovation. Through computational thinking and data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws, regulations, and best practices and by practicing integrity and respect. Students will gain an understanding of the principles of computer science through the study of technology operations, systems, and concepts.

TEA allows students to substitute computer programming languages for the World Language graduation requirement. However, it is important to note that computer science courses are not NCAA-approved as a World Language.

In addition, students and families should verify with individual colleges and universities to confirm whether they will accept computer programming courses as a World Language for admission purposes.

COURSE LIST _____FINE ARTS

Texas Essential Knowledge and Skills - View Here

Course	Grade Level	Credit Earned
Art 1	9-12	1
Art 2	10-12	1
Art 2: Painting 1	10-12	1
Art 3	11-12	1
AP Studio Art	12	1
Dual Credit Art Appreciation	10-12	1
Theater 1-4	9-12	1
Tech Theater 1-4	9-12	1
Band	9-12	1
Jazz Ensemble	9-12	1
Band: Color Guard	9-12	1
Choir	9-12	1
Music Appreciation	9-12	1
Floral Design	9-12	1

COURSE DESCRIPTIONS_____FINE ARTS

H09011 **Art 1**

Grade(s): 9-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: None

Art 1 is an introductory class that is structured around the Elements and Principles of Design. The curriculum allows for the exploration of a variety of art mediums, techniques, methods and assignments. The focus will be on beginning instruction in drawing, painting, sculpture and design. Observational drawing and creative thinking will be stressed in every assignment. Art 1 students will be expected to complete 2 out of class drawing assignments each month as part of the course requirements.

H09010 **Art 2**

Grade(s): 10-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: Art 1

Art 2 is the beginning of higher level art. Students enrolled in this studio course are expected to have prior knowledge of drawing and painting and a good grasp on the Elements and Principles of Design. Art 2 will focus on creative thinking, craftsmanship, color theory and technical exploration. Students will work with a variety of mediums and a range of subject matters. Art 2 students will be expected to complete 2 out of class drawing assignments each month as part of the course requirements.

H09007-9 Art 2: Painting 1

Grade(s): 10-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: Art 1

This studio course will focus on the fundamentals of painting with an emphasis on creative thinking, craftsmanship, color theory and technical exploration. Students will work with a variety of painting mediums and a wide range of subject matters.

H09000 Art 3

Grade(s): 10-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: Art 2, **Teacher Approval**

This course is designed for the advanced art student who already has a good foundation of the content and has a sincere interest in advancing their art skills. Assignments will take a more in-depth study of various techniques, abstract and non-objective compositions and are designed to challenge the student's creativity and technical skills. Composition, explorations of mediums and creative thinking will be the focus and foundation for all art pieces. Art pieces MUST be original ideas. Class critiques and participation are an integral part of this class as well as sketchbook work. Students will be expected to do some outside of school research, drawing and photographing. ***Pre-Approval for this course is required.**

H09019 AP Studio Art

Grade(s): 12
Credit: 1, GPA Level 0 Campus: SHS
Prerequisites: Art 3, **Teacher Approval**
Notes: Characteristics of students achieving success in advanced courses (see page 24)
The course follows a national curriculum established by College Board.
Depending on the policies of the college and the score achieved on the AP exam, students can receive college credit. A fee is required for the AP exam. (see page 25)

Students enrolling in AP Studio Art will be expected to work on the highest level of art. Students will need to be self-driven and well versed in a variety of mediums and techniques. Students are expected to complete artwork all year on a compressed schedule. There will be a considerable amount of out-of-class time spent on artwork for this course. Time Management is the single most important factor to consider when deciding whether or not to enroll in this course. ***Pre-Approval for this course is required. Students will be expected to submit a portfolio at the end of the year to the college board and submit (and pay) for the AP portfolio.** The AP Portfolio (to be submitted in May to AP Central) consists of two digital upload sections with a total of 20 images:

1. Quality – 5 Actual Works displaying excellence (no larger than 18 x 24). These five works are taken directly from the Sustained Investigation Section or can be any other high quality artwork created during the student's high school experience. They are sent in to AP College Board so that the readers are able to examine the artist's work in person.
2. Sustained Investigation – 15 Images submitted digitally – examination of a visual idea/concept/theme – these images should include images of processes and revisions of works in the Sustained Investigation – images showing the artist's overall process and journey through the chosen topic is key

These assignments will be evaluated in a class-wide critique designed to examine development of ideas and receptivity to criticism. Students will submit written commentary on all works created in order to develop skills necessary for final portfolio submission. This commentary will be evaluated on its ability to display knowledge of the Elements and Principles of Art as well as formal art terminology and correct verbiage. All work will be graded according to the AP Studio Art Rubric designed by the College Board.

H09020 Dual Credit Art Appreciation

Grade(s): 10-12
Credit: 1, GPA Level 0, Campus: NCTC Online
Prerequisites: TSI Ready, NCTC Acceptance/Registration/Fees
Notes: Characteristics of students achieving success in advanced courses (see page 24)
For complete dual credit application/registration instructions see page 27.

ARTS 1301, 1.0 credit (Fall/Spring)

Dual Credit Art covers basic theory with emphasis on the elements and principles of art. Art appreciation, criticism, and aesthetics are included, but the emphasis is on art production. Beginning drawing, painting, printmaking, collage, and sculpture techniques are introduced using a variety of media. Students are expected to provide some of their own supplies or a fee may be collected to purchase supplies. This course includes independent reading, writing, and research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average.

H09071 Theatre 1

Grade(s): 9-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: None

Theatre Arts 1 provides the student with a sampling of all facets of theatre, with an emphasis being placed on actor training. The subject matter will range from stage terminology, structure of plays and early theatrical history to vocal and movement training for the actor. Also included will be acting (improvisation, character analysis and duet/group acting.) Theater I also focuses on the historical development of drama and its impact on today's theater with emphasis on independent student research.

H09087-8 Partner Theatre

Grade(s): 10-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: Theater 1

Students in this course serve as Partner Theatre Mentors. As peer assistants, they are provided the opportunity to understand the different disabilities of the students, develop leadership skills to aid the learners and work on communication skills between the peer assistant and the learners. Peer assistants obtain initial training in confidentiality, cueing, prompting, and positive reinforcement to be used with their students. Peer assistants aid the teacher inside the special education setting by modeling appropriate learning behaviors, assisting with hands-on learning activities, and developing activities to facilitate inclusion within the classroom. Students need to have completed Theater 1 previous to taking this class.

H09072-4 Theatre Arts 2-4

Grade(s): 10-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: Theatre Arts 1

Theatre Arts 2 is designed to emphasize advanced study in two areas: acting and design. Course units will focus on the study of advanced acting techniques and application of those techniques for the stage through group and individual projects. Involvement in co-curricular productions, contests and/or other such activities is an integral requirement of the class. Preparation and perfection of duets, improvisations, and interpretation pieces are part of the ongoing performance opportunities in both semesters. Theatre Arts 3 and 4 continues to provide the advanced theatre student with extensive actor preparation as well as specialized training in areas such as: theatre literature, design, directing and playwriting. Involvement in co-curricular productions, contests and/or other such activities is an integral requirement of the class.

H09081 Technical Theatre 1

Grade(s): 9-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: None

Technical Theatre 1 is designed for the student interested in pursuing the craft of stage design and execution and theatre management. It is an introduction to safe and effective carpentry and construction techniques including the safe use of power tools, lighting equipment and basic electrical elements, audio production, costume construction, and an introduction to theatrical design including an exploration of the elements and principles of design. Students will also evaluate the work of other technicians and expand their appreciation of theatre.

H09082-4 Technical Theatre 2-4

Grade(s): 10-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: Technical Theatre 1

Students explore all areas of technical theatre, i.e. the areas of construction of set, props, costumes, and production of sound and lighting. Students will learn stage and shop safety along with tool usage by practical application through the construction and running of school productions.

H09021-4/H09026-9 Symphonic and Wind Ensemble Band 1-4

Grade(s): 9-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: Director approval
Note: Years 1/2: fall semester will count as 0.5 PE credit, and Spring will count as 0.5 fine art credit

Band is a musical organization for students who are looking for development within the following but not limited to: cultural growth, critical listening, basic music theory, study of instrumental music techniques, creative self-expression, sight reading, and leadership skills. During the Fall, the various concert bands follow the same curriculum in preparation for the marching band's season. The marching band is comprised of all members of the band, and performs at all varsity football games (home & away), U.I.L. Marching Contest and non-U.I.L. Marching Contests, and local parades. The marching band rehearses daily, after school, and are required to attend Summer Band rehearsals, beginning in late July. During concert season (spring), section rehearsals are scheduled after school one day a week to prepare for concerts and contests. Attendance at all rehearsals and performances is required. Band placement is determined through auditions held at various times during the school year.

H09046-9 Jazz Ensemble

Grade(s): 9-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: Director approval

Jazz Ensemble provides the opportunity to learn and perform a variety of styles such as swing, big band, Latin, blues, and rock. Students explore jazz improvisation and small group performances. All students will be required to perform in several public concerts.

H09026-9 Band 1-4: Color Guard

Grade(s): 9-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: Director's Approval

These courses will help the student develop kinesthetic awareness while dancing. The student will apply body science and fitness principles to dance and demonstrate an understanding of cultural, historical, and artistic diversity. Students will gain knowledge of a variety of dance styles and technical skills while participating in dance activities which encourage growth of creative self-awareness.

H09051-4/H09031-4/H09036-9/H09041-4 Choir 1-4

Grade(s): 9-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: Director approval

Sanger High School's choir is a program open to all SHS students for receiving Fine Arts curriculum credit. The primary goal of choir is to develop the musicality of each enrolled individual. Contained within this goal are character development, teamwork, loyalty and responsibility. Consequently, choir members are expected to emerge as leaders and role models in our school and community. **Choirs include: Tenor Bass Choir, Treble Choir, and Concert Choir.** Concert Choir consists of top members of the choir program (members must be enrolled in another choir in order to participate in Concert Choir). Placement of individuals into either varsity or non-varsity choir is determined by audition.

H09067 Music Appreciation

Grade(s): 9-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: None

Music appreciation explores the foundations of music literacy. The student develops organizational skills, engages in problem solving, and explores the properties and capabilities of various musical idioms. The student describes and analyzes music and musical sounds; reads and notates music using an appropriate notation system; and creates music to history, culture.

H11070 Floral Design

Grade(s): 9-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: Principles of Agriculture (page 77)

Principles and Elements of Floral Design prepares students with the skills and knowledge related to Horticulture, and the design principles and techniques in floral design. Students are given hands-on experiences using a variety of floral materials such as live plants and silk flowers. Students will identify and demonstrate the principles and techniques related to floral design to create arrangements, as well as learn planning techniques for floral enterprises and major events. Course may be used to fulfill the required fine art credit for graduation. Fee: $50. Organization: FFA. **Notes:** This course is a Career and Technology Education course.

Athletics/Competitive Activities

The following courses are offered as competitive athletics and are governed by the rules and regulations of the University Interscholastic League (UIL):

• Baseball • Basketball • Cross Country • Football • Golf • Powerlifting •Soccer • Softball • Tennis • Track • Volleyball •

Students in grades 9-12 may select these courses and may count athletics to substitute for physical education as required for graduation. One credit of P.E. is required to graduate and a maximum of four (4) credits are permitted to count toward graduation requirements. Coach approval and participation in the required off-season program are prerequisites for enrollment in these courses.

Physical Education Substitutions

A student may substitute certain physical activities for the one required credit of physical education. The substitutions must be based on the physical activity involved in the following courses and must include a minimum of 100 minutes per 5-day week of moderate to vigorous physical activity.

- Marching Band • Cheerleading • Athletics
- Approved private or commercially-sponsored physical activity programs conducted on or off campus

Credit may not be earned for any TEKS-based course more than once. No more than four substitution credits may be earned through any combination of substitutions. A student may not earn more than four credits in physical education toward state graduation requirements.

Off-Campus Physical Education Students participating in intensive off-campus physical training in district-approved programs may apply for off-campus physical education credit through the counseling office.



Texas Essential Knowledge and Skills - View Here

H07090 PE Foundation and Personal Fitness

Grade(s): 9-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: None

Students enrolled in Team Sports are expected to develop health-related fitness and an appreciation for team work and fair play. Team Sports is less concerned with the acquisition of physical fitness during the course than reinforcing the concept of incorporating physical activity into a life-style beyond high school. This course is designed to give students the opportunity to learn fitness concepts and conditioning techniques used for obtaining optimal physical fitness. Students will benefit from cardiorespiratory endurance activities. Students will learn the basic fundamentals of strength training, aerobic training, and overall fitness training and conditioning.

H07092-3 Partner PE

Grade(s): 10-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites:PE

Students in this course serve as Partner P.E. Mentors. As peer assistants, they are provided the opportunity to understand the different disabilities of the students, develop leadership skills to aid the learners and work on communication skills between the peer assistant and the learners. Peer assistants obtain initial training in confidentiality, cueing, prompting, and positive reinforcement to be used with their students. Peer assistants aid the teacher inside the special education setting by modeling appropriate learning behaviors, assisting with hands-on learning activities, and developing activities to facilitate inclusion within the classroom. Students need to have completed Theater 1 previous to taking this class. **This is NOT for PE credit.**

PE Athletics (Physical Education Equivalent) 1-4

Grade(s): 9-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: Coach approval

These activities are restricted to those students accepted into specific sports. Students interested in a particular sport should contact the coaching staff for enrollment information. Students receive the equivalent credit for being in a sport as they would receive for being in physical education. Not all of these are available during an athletic period or for credit - some are before or after school, only.
Notes: No more than 4 credits of PE or its equivalent will count toward graduation. Dropping Athletics requires coach approval and any student who drops will not be allowed to go to another sport until the season of the sport he/she dropped has been completed. Students not previously enrolled in athletics must have approval from the Athletic Director and the head coach of that sport. Students must be on schedule for graduation to be eligible for varsity sports. Multi-sport athletes must have approval from the first semester coach.

Band 1-4

Grade(s): 9-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: Director approval
Note: Years 1/2: fall semester will count as 0.5 PE credit, and Spring will count as 0.5 fine art credit

See Band on page 66 for more information.

H13030 **Indian Academy**

Grade(s): 9
Credit: 0.5, GPA Level 0, Campus: SHS
Prerequisites: None

Indian Academy is a course in which students develop leadership, professional, and business skills. Students will learn to develop a healthy self-concept, healthy relationships, and learn to understand the concept of personal responsibility. The course is a supportive course designed to help students transition into the changes from middle school to high school. This is a course required for all 9th grade students.

H13081 **Dual Credit Learning Framework**

Grade(s): 9-12
Credit: 0.5, GPA Level 0, Campus: NCTC Online
Prerequisites: TSI Ready, NCTC Acceptance/Registration/Fees
Notes: Characteristics of students achieving success in advanced courses (see page 24).
For complete dual credit application/registration instructions see page 27.

EDUC 1300, 0.5 credit
A study of research and theory in the psychology of learning, cognition, and motivation, factors that impact learning, and application of learning strategies. Theoretical models of strategic learning, cognition, and motivation serve as the conceptual basis for the introduction of the college-level student academic strategies. Students use assessment instruments (e.g. learning inventories) to help them identify their own strengths and weaknesses as strategic learners. Students are ultimately expected to integrate and apply the learning skills discussed across their own academic programs and become effective and efficient learners. Students developing these skills should be able to continually draw from the theoretical models they have learned.

CAREER AND TECHNICAL EDUCATION



Career and Technical Education courses are designed to prepare students in the technical and professional skills necessary to succeed in today's high-demand occupational environment. Career and Technical Education can help a student explore his/her potential and establish future career goals. Our mission is to provide a positive difference in the lives of our students by making connections through technology rich, academically rigorous curriculum and real-world applications that empower our students to become contributing members of the global community.

In Texas Career and Technical Education (CTE), Programs of Study are specific pathways that outline the sequence of courses and experiences that prepare students for a particular career or postsecondary opportunity. They offer a structured pathway for students to gain knowledge and skills in a specific area, leading to certifications, degrees, or entry into the workforce. Each Program of Study includes foundational courses, intermediate courses, and advanced courses, often paired with opportunities like internships and certifications.

Sanger ISD Offers the following Programs of Study:

Agricultural Technologies & Mechanical Systems
Animal Science
Plant Science
Digital Communications (AV)
Graphic Design and Interactive Media
Business Entrepreneurship
Business Marketing and Sales
Automotive and Collision Repair
Distribution, Logistics & Warehousing
Engineering Foundations/Drone
Culinary Arts
Teaching and Community Services
Cosmetology and Personal Care
Diagnostic & Therapeutic Services
Exercise Science and Wellness
Criminal Justice (Law Enforcement)

Annual Public Notification of Nondiscrimination

Sanger ISD does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs or activities and provides equal access to the Boy Scouts and other designated youth groups. For information about your rights or grievance procedures the following person has been designated to handle inquiries regarding the nondiscrimination policies: please contact the Assistant Superintendent, Jennie Flaa at (940)458-7438 or jflaa@sangerisd.net.

Student Leadership in CTE

Leadership training is an essential component in Career and Technical programs. Career and Technical Student Organizations serve as a cohesive agent in the worldwide networking of education, business, and industry. Competitive events enhance career preparation, workplace competencies, self-confidence, and the instructional program.

DECA (Distribution Education Clubs of America) - DECA is a student organization for our **Business Program** that contributes to the advancement of leadership, citizenship, personal growth, all in preparation for students to enter a career in various business and finance fields.

FCCLA (Family, Career, and Community Leaders of America) - FCCLA is a student led organization that provides opportunities for personal growth and leadership development through Family and Consumer Sciences Education. Focusing on the multiple roles of family member, wage earner, and community leader, FCCLA members develop skills for life through personal development, creative and critical thinking, interpersonal communications, practical knowledge, and career preparation.

FFA (National FFA Organization) - FFA supports our **Agricultural Programs (including Agriculture Mechanics, Animal Science and Plant Science)**. FFA makes a positive difference in the lives of students by developing their potential for premier leadership, personal growth and career success through agricultural education.

National High School BBQ Association (NHSBBQA) - The mission of the National High School BBQ Association is to inspire and prepare students for life by creating a nation-wide competitive High School BBQ (HSBBQ) league to teach, preserve, and promote the American tradition of barbecue and live fire cooking as a sport designed around project based learning while using it to develop leadership, career, and life skills for today's youth.

STN (Student Television Network) - This organization supports our **Audio/Visual Production Program** and is a national body supporting middle and high school media programs by providing curriculum, competitions, mentorship, and resources for students in broadcast journalism, filmmaking, and digital media, fostering leadership, technical skills, and career readiness through interactive challenges and industry connections.

TAFE (Texas Association of Future Educators) - TAFE supports our **Education Program** and is a student organization for middle and high schoolers exploring teaching careers fostering leadership, service, and skills for future teachers. TAFE offers hands-on learning, conferences, and scholarships to develop character, promote education, and guide students into the teaching profession.

CAREER AND TECHNICAL EDUCATION

- BUSINESS AND INDUSTRIES
  - Agriculture Food and Natural Resources
    - Agricultural Technologies and Mechanical Systems
    - Animal Science
    - Plant Science
  - Arts, AV Technology & Communications
    - Digital Communications
    - Graphic Design and Interactive Media
  - Business, Marketing & Finance
    - Business Entrepreneurship
    - Business Marketing and Sales
  - Transportation, Distribution & Logistics
    - Automotive and Collision Repair
    - Distribution, Logistics, and Warehousing
  - Engineering
    - Engineering Foundations
    - Drone
  - Hospitality & Tourism
    - Culinary Arts



AGRICULTURAL TECHNOLOGIES AND MECHANICAL SYSTEMS apply engineering, science, and IT to farming, covering everything from designing and repairing tractors to using drones, GPS, and data analytics for precision farming, ensuring efficient equipment, structures (like barns), energy use, and resource management, preparing students for careers in machinery, engineering, sales, and sustainable agriculture.

H11000 Principles of Agriculture, Food and Natural Resources
Grade(s): 8-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: None

Principles of Agriculture, Food, and Natural Resources will allow students to develop knowledge and skills regarding career opportunities, personal development, globalization, industry standards, details, practices, and expectations. To prepare for success, students need to have opportunities to learn, reinforce, experience, apply, and transfer their knowledge and skills in a variety of settings. This is the foundation class to all other agriculturally related courses. production, mechanical systems, entrepreneurship, leadership and environmental sciences.

H11081 Agriculture Mechanics and Metal Technologies
Grade(s): 9-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: Principles of Agriculture

Agricultural Mechanics and Metal Technologies is designed to prepare students for careers in mechanized agriculture and technical systems. Students attain knowledge and skills related to agricultural facilities design and fabrication. Students explore career opportunities, entry requirements, and industry expectations. Students develop an understanding of agricultural mechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, concrete, and metal skills and knowledge; acquire technical knowledge and skills related to power, structural, and technical agricultural systems and the industry.

H11084 Agriculture Structures Design and Fabrication
Grade(s): 10-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: Ag Mechanics and Metal Technologies

Agricultural Structures Design and Fabrication students will explore career opportunities, entry requirements, and industry expectations. To prepare for careers in mechanized agriculture and technical systems, students must attain knowledge and skills related to agricultural structures design and fabrication. For safety considerations, course enrollment may be limited. Prior to enrollment students may be required to satisfy skills/safety-based entry requirements.

Students will have the opportunity to earn the following certification: AWS D1.1 Sheet Metal Welding.

H11097 Agriculture Structures Design and Fabrication with Lab
Grade(s): 11-12
Credit: 2, GPA Level 0, Campus: SHS
Prerequisites: Ag Mechanics and Metal Technologies and **INSTRUCTOR APPROVAL; Juniors and Seniors ONLY**

Agricultural Structures Design and Fabrication students will explore career opportunities, entry requirements, and industry expectations. To prepare for careers in mechanized agriculture and technical systems, students must attain knowledge and skills related to agricultural structures design and fabrication. For safety considerations, course enrollment may be limited. Prior to enrollment students may be required to satisfy skills/safety-based entry requirements.
Students will have the opportunity to earn the following certification: AWS D1.1 Sheet Metal Welding.

H11082 Agricultural Equipment Design and Fabrication

Grade(s): 11-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: Ag Structures Design and Fabrication

Agricultural Equipment Design and Fabrication students will be prepared for careers in mechanized agriculture and technical systems students attain knowledge and skills related to agricultural equipment design and fabrication. Students explore career opportunities, entry requirements, and industry expectations. To prepare for success, students reinforce, apply, and transfer their academic knowledge and technical skills in a variety of settings.
Students will have the opportunity to earn the following certification: AWS D9.1 Sheet Metal Welding.

H11098 Agricultural Equipment Design and Fabrication with Lab

Grade(s): 11-12
Credit: 2, GPA Level 0, Campus: SHS
Prerequisites: Ag Structures Design and Fabrication and **INSTRUCTOR APPROVAL**

Agricultural Equipment Design and Fabrication students will be prepared for careers in mechanized agriculture and technical systems students attain knowledge and skills related to agricultural equipment design and fabrication. Students explore career opportunities, entry requirements, and industry expectations. To prepare for success, students reinforce, apply, and transfer their academic knowledge and technical skills in a variety of settings.
Students will have the opportunity to earn the following certification: AWS D9.1 Sheet Metal Welding.

H11072 Practicum in Agriculture, Food and Natural Resources (Applied Agriculture)

Grade(s): 12
Credit: 2, GPA Level 0, Campus: SHS
Prerequisites: Ag Structures Design and Fabrication or Agricultural Equipment Design and Fabrication

Practicum in Agriculture, Food, and Natural Resources is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, assistantships, mentorships, or laboratories. The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Agriculture, Food, and Natural Resources Career Cluster. For safety considerations, course enrollment may be limited.
Students are required to obtain and maintain either employment or an internship placement to be enrolled in this class. **The place of employment or internship must match the Program of Study student is pursuing.** Prior to the start of the school year, enrolled students are required to contact the instructor to document their placement information. In addition, students must be able to provide their own reliable transportation to remain enrolled in the course.



ANIMAL SCIENCE is the study of domestic animals (livestock, pets, etc.) and their biology, management, production, and welfare, applying biological and physical sciences to improve food, fiber, and companionship, covering nutrition, genetics, reproduction, health, and product safety, bridging agriculture with animal health and human needs. It's a diverse field, evolving from traditional animal husbandry to include companion animals, wildlife, and sustainable practices.

H11000 Principles of Agriculture, Food and Natural Resources

Grade(s): 8-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: None

Principles of Agriculture, Food, and Natural Resources will allow students to develop knowledge and skills regarding career opportunities, personal development, globalization, industry standards, details, practices, and expectations. To prepare for success, students need to have opportunities to learn, reinforce, experience, apply, and transfer their knowledge and skills in a variety of settings. This is the foundation class to all other agriculturally related courses. production, mechanical systems, entrepreneurship, leadership and environmental sciences.

H1102S Small Animal Management

Grade(s): 9-12
Credit: 0.5, GPA Level 0, Campus: SHS
Prerequisites: Principles of Agriculture, Food, and Natural Resources

Small Animal Management will give students the experience needed to enhance academic knowledge and skills, acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer knowledge and skills in a variety of settings. Suggested small animals, which may be included in the course of study, include, but are not limited to, small mammals, amphibians, reptiles, avian, dogs, and cats.

H1103S Equine Science

Grade(s): 9-12
Credit: 0.5, GPA Level 0, Campus: SHS
Prerequisites: Principles of Agriculture, Food, and Natural Resources

Equine Science is designed to introduce students to the scientific principles of equine animal systems and to the equine industry. Students will learn the responsibilities of ownership, health, facilities management and anatomy and physiology, and develop a supervised agricultural experience program. To prepare for careers in the field of animal science, students must enhance academic knowledge and skills, acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations.
Students will have the opportunity to earn the following certification: Equine Management & Evaluation.

H11401 Entrepreneurship 1

Grade(s): 8-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: None

Students will learn the principles necessary to begin and operate a business. The primary focus of the course is to help students understand the process of analyzing a business opportunity, preparing a business plan, determining feasibility of an idea using research, and developing a plan to organize and promote the business and its products and services. In addition, students will understand the basics of accounting, finance, marketing, risk, and product development.

H1101S Livestock Production

Grade(s): 9-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: Principles of Agriculture, Food, and Natural Resources

Livestock Production students will acquire knowledge and skills related to livestock and the livestock production industry. Livestock Production may address topics related to beef cattle, dairy cattle, swine, sheep, goats, and poultry. Students will develop knowledge and skills pertaining to the nutrition, reproduction, health and management of domestic animals. This course will give students the experience needed to attain academic skills and knowledge, acquire knowledge and skills related to animal systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. Animal species to be addressed in this course may include, but are not limited to, beef cattle, dairy cattle, swine, sheep, goats, and poultry.

H11035 Advanced Animal Science

Grade(s): 12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: Livestock Production or Equine Science and Small Animal Management; Biology and Chemistry (or IPC), Algebra 1, and Geometry

Advanced Animal Science examines the interrelatedness of human, scientific, and technological dimensions of livestock production. Instruction is designed to allow for the application of scientific and technological aspects of animal science through field and laboratory experiences. This course examines the nature of science, scientific inquiry, science and social ethics and science systems and models. This course will give students the experience needed to attain academic skills and knowledge, acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry standards.
Students will have the opportunity to earn the following certification: Elanco Fundamentals of Animal Science Certification

H11036 Veterinary Medical Applications

Grade(s): 11-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: Small Animal Management and Equine Science, or Livestock Production

Veterinary Medical Applications provides training in the veterinary assistant field. Students have the opportunity to develop technical skills in health, nutrition, examinations, diseases, sanitation, and regulatory programs of small and large animals through collaboration, innovation and self-direction. The course includes, but is not, limited to animal handling and restraint, health and safety, surgical preparation, anatomy and physiology, medical terminology, infectious disease, instrument and equipment identification, vaccine preparation and injection techniques, and veterinary office procedures. To be prepared for careers in the field of animal science, students need to attain academic skills and knowledge, acquire technical knowledge and skills related to animal systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations.
Students will have the opportunity to earn the following certification: Elanco Veterinary Medical Applications Certification

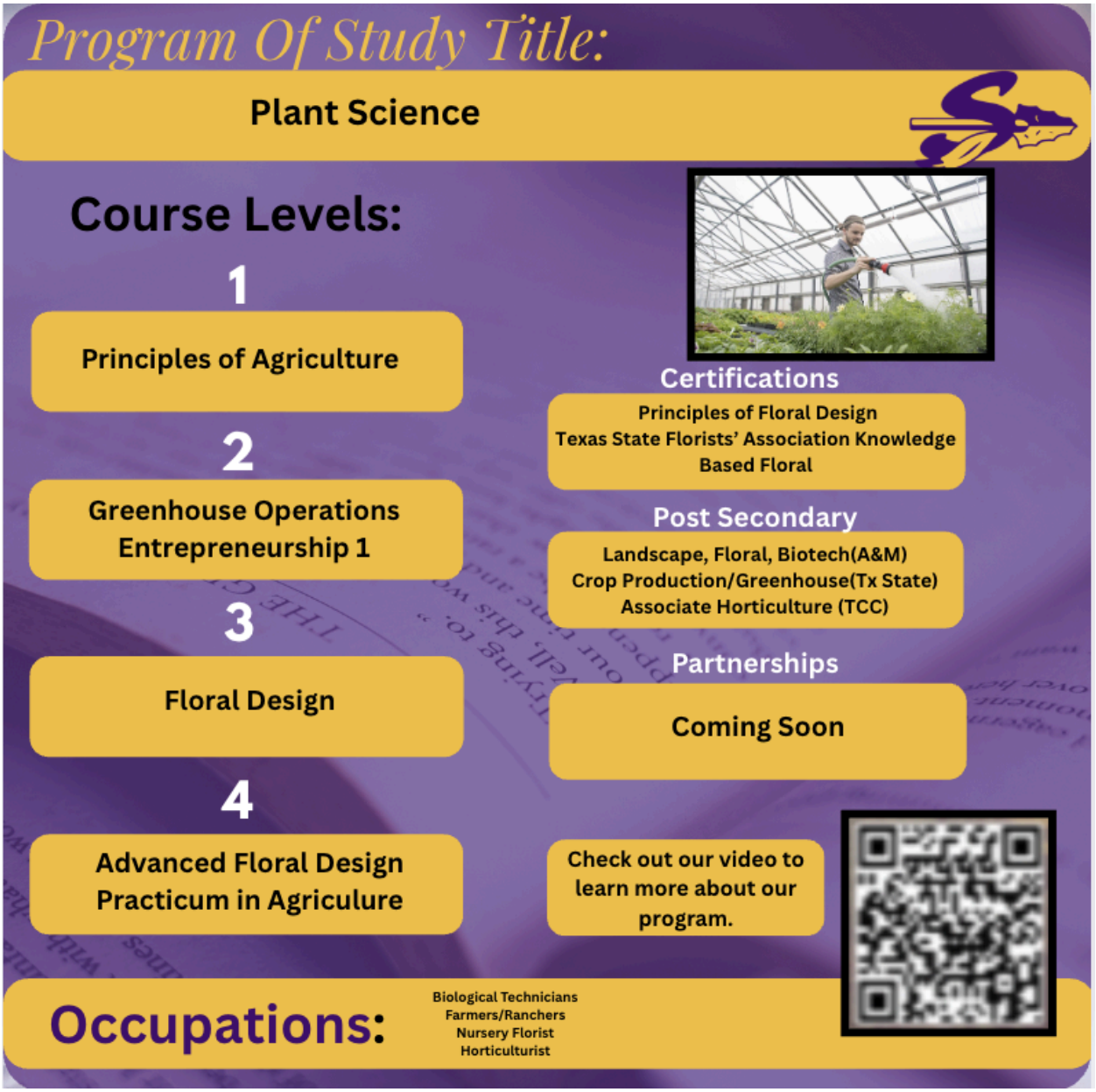
H11072 Practicum in Agriculture, Food and Natural Resources (Vet Med)

Grade(s): 12
Credit: 2, GPA Level 0, Campus: SHS
Prerequisites: Veterinary Medical Applications

Practicum in Agriculture, Food, and Natural Resources is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, assistantships, mentorships, or laboratories. The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Agriculture, Food, and Natural Resources Career Cluster.

Students will have the opportunity to earn the following certification: Certified Veterinary Assistance, Level 1 Certification

Students are required to obtain and maintain either employment or an internship placement to be enrolled in this class. **The place of employment or internship must match the Program of Study student is pursuing.**Prior to the start of the school year, enrolled students are required to contact the instructor to document their placement information. In addition, students must be able to provide their own reliable transportation to remain enrolled in the course.



PLANT SCIENCE, also known as botany, is the broad scientific study of plants, covering their growth, reproduction, genetics, ecology, and interactions with the environment, crucial for food, fuel, fiber, medicine, and ecosystem health, involving specializations like genomics, breeding, and horticulture to solve global challenges like food security and climate change.

H11000 Principles of Agriculture, Food and Natural Resources

Grade(s): 8-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: None

Principles of Agriculture, Food, and Natural Resources will allow students to develop knowledge and skills regarding career opportunities, personal development, globalization, industry standards, details, practices, and expectations. To prepare for success, students need to have opportunities to learn, reinforce, experience, apply, and transfer their knowledge and skills in a variety of settings. This is the foundation class to all other agriculturally related courses. production, mechanical systems, entrepreneurship, leadership and environmental sciences.

H11069 Greenhouse Operation and Production

Grade(s): 9-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: Principles of Agriculture, Food and Natural Resources

Greenhouse Operation and Production is designed to develop an understanding of greenhouse production techniques and practices. To prepare for careers in horticultural systems, students must attain academic skills and knowledge, acquire technical knowledge and skills related to horticultural systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations.

H11070 Principles and Elements of Floral Design

Grade(s): 9-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: Principles of Agriculture, Food and Natural Resources if FFA student/If not an FFA student, Principles of Agriculture, Food, and Natural Resources and Greenhouse Operation and Production

Principles and Elements of Floral Design is designed to develop student's ability to identify and demonstrate the principles and techniques related to floral design, as well as develop an understanding of the management of floral enterprises. Through the analysis of artistic floral styles and historical periods, students develop respect for the traditions and contributions of diverse cultures. To be prepared for careers in floral design, students need to attain academic skills and knowledge, as well as technical knowledge and skills related to horticultural systems and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations.
Students will have the opportunity to earn the following certification: Principles of Floral Design.

H11073 Advanced Floral Design

Grade(s): 10-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: Principles and Elements of Floral Design

In this course, students build on the knowledge from the Floral Design course and are introduced to more advanced floral design concepts, with an emphasis on specialty designs and specific occasion planning.
The course focuses on building skills in advanced floral design and providing students with a thorough understanding of the design elements and planning techniques used to produce unique specialty floral designs that support the goals and objectives of a specific occasion or event. Through the analysis and

evaluation of various occasion and event types, students explore the design needs and expectations of clients and propose and evaluate appropriate creations. From conception to evaluation, students are challenged to create and design appropriate specialty floral designs that meet the needs of the client. Furthermore, an emphasis on budgetary adherence and entrepreneurship equips students with many of the necessary skills needed for success in floral enterprises.

Students will have the opportunity to earn the following certifications: Texas State Floral Association Floral Skills Knowledge Based Certification.

H11401 Entrepreneurship 1

Grade(s): 8-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: None

Students will learn the principles necessary to begin and operate a business. The primary focus of the course is to help students understand the process of analyzing a business opportunity, preparing a business plan, determining feasibility of an idea using research, and developing a plan to organize and promote the business and its products and services. In addition, students will understand the basics of accounting, finance, marketing, risk, and product development.

H11072 Practicum in Agriculture, Food and Natural Resources (Floral)

Grade(s): 12
Credit: 2, GPA Level 0, Campus: SHS
Prerequisites: Advanced Floral Design

Practicum in Agriculture, Food, and Natural Resources is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, assistantships, mentorships, or laboratories. The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Agriculture, Food, and Natural Resources Career Cluster. For safety considerations, course enrollment may be limited.

Students are required to obtain and maintain either employment or an internship placement to be enrolled in this class. **The place of employment or internship must match the Program of Study student is pursuing.** Prior to the start of the school year, enrolled students are required to contact the instructor to document their placement information. In addition, students must be able to provide their own reliable transportation to remain enrolled in the course.



DIGITAL COMMUNICATION (AV) is the electronic exchange of data and messages using digital technologies like email, social media, and video calls, converting information into binary code (1s and 0s) for transmission over networks, enabling fast, cost-effective, and global interaction, unlike traditional analog methods. It involves channels such as copper wires, fiber optics, and wireless signals, forming the backbone of modern personal and professional interaction by allowing instant sharing of text, audio, and video content.

H11110 Principles of Arts, Audio Video Technology, and Communications

Grade(s): 8
Credit: 1, GPA Level 0, Campus: SMS
Prerequisites: None

Principles of Arts, Audio Video Technology, and Communication will analyze and summarize the history and evolution of the arts, audio/video technology, and communications fields of study. Concepts and principles of Adobe graphic design and illustration will be covered, as well as the history and evolution of visual arts and design; The student will be expected to develop a basic understanding of the industry related to the arts, audio/video technology, and communications realm. Careers in the Arts, Audio/Video Technology, and Communications career cluster require, in addition to creative aptitude, a strong background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication.

H11140 Professional Communications

Grade(s): 9-12
Credit: 0.5, GPA Level 0, Campus: SHS
Prerequisites: None
Note: Course is required for Freshman students to earn the speech proficiency graduation requirement.

Professional Communications blends written, oral, and graphic communication in a career-based environment. Careers in the global economy require individuals to be creative and have a strong background in computer and technology applications, a strong and solid academic foundation, and a proficiency in professional oral and written communication. Within this context, students will be expected to develop and expand the ability to write, read, edit, speak, and listen.

H11401 Entrepreneurship 1

Grade(s): 8-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: None

Students will learn the principles necessary to begin and operate a business. The primary focus of the course is to help students understand the process of analyzing a business opportunity, preparing a business plan, determining feasibility of an idea using research, and developing a plan to organize and promote the business and its products and services. In addition, students will understand the basics of accounting, finance, marketing, risk, and product development.

H11113 Digital Design and Multimedia

Grade(s): 9-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: None

Digital Media students will analyze and assess current and emerging technologies, while designing and creating multimedia projects that address customer needs and resolve a problem. Students will implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society. Students will enhance reading, writing, computing, communication, and critical thinking and apply them to the IT environment.

H11133 Audio/Video Production 1 w/Lab

Grade(s): 10-12
Credit: 2, GPA Level 0, Campus: SHS
Prerequisites: Digital Design and Multimedia

Audio/Video Production 1 focuses on the introduction of careers in designing, producing, exhibiting, performing, writing, and publishing multimedia content, including visual and performing arts and design, journalism, and entertainment services. Students will take part in designing, producing, exhibiting,

performing, writing, and publishing multimedia content. Introduction to various types of electrical and audio video equipment including microphones, cameras, and drones will take place, along with necessary ethical and safety aspects involved with the use of such equipment. **Students will have assignments that have a "working requirement" to support the high school and/or district events.**

Students will be provided the opportunity of earning the following certifications: Adobe Certified Professional in Premiere Pro; Adobe Certified Professional in After Effects; Adobe Certified Professional in Photoshop; Adobe Certified Professional in Visual Design.

H11429 Audio/Video Production 2 w/Lab

Grade(s): 11-12
Credit: 2, GPA Level 0, Campus: SHS
Prerequisites: Audio/Video Production 1

Audio/Video Production 2 extends knowledge and application of skills formed at the foundational level in Audio/Video Production 1. Students will be expected to demonstrate an advanced understanding of the industry with a focus on pre-production and post-production materials. Creativity and collaborative skills that are essential in this course. **Students will have assignments that have a "working requirement" to support the high school and/or district events.**

Students will be provided the opportunity of earning the following certifications: Adobe Certified Professional in Premiere Pro; Adobe Certified Professional in After Effects; Adobe Certified Professional in Photoshop; Adobe Certified Professional in Visual Design.

H11132 Practicum of Audio/Video Production

Grade(s): 12
Credit: 2, GPA Level 0, Campus: SHS
Prerequisites: Audio/Video Production 2 or Teachers discretion

Practicum of Audio/Video Production extends knowledge and application of skills formed at the level in Audio/Video Production 1 and 2. Students will be expected to demonstrate an advanced understanding of the industry with a focus on pre-production and post-production materials. Creativity and collaborative skills that are essential in this course. Advanced understanding and usage with equipment will be considered a focus in this course. **Students will have assignments that have a "working requirement" to support the high school and/or district events.**

Students will be provided the opportunity of earning the following certifications: Adobe Certified Professional in Premiere Pro; Adobe Certified Professional in After Effects; Adobe Certified Professional in Photoshop; Adobe Certified Professional in Visual Design.

Students are required to obtain and maintain either employment or an internship placement to be enrolled in this class. Prior to the start of the school year, enrolled students are required to contact the instructor to document their placement information. In addition, students must be able to provide their own reliable transportation to remain enrolled in the course.



GRAPHIC DESIGN is the art of creating visual content, using typography, images, and layout to communicate specific messages for various purposes, from branding and advertising to web and packaging design, focusing on clarity, aesthetics, and user experience to tell stories and solve problems visually. It's a blend of creativity and strategy, involving digital or manual tools to arrange text and graphics for maximum impact, ensuring designs are not just pretty but purposeful.

H11110 Principles of Arts, Audio Video Technology, and Communications

Grade(s): 8
Credit: 1, GPA Level 0, Campus: SMS
Prerequisites: None

Principles of Arts, Audio Video Technology, and Communication will analyze and summarize the history and evolution of the arts, audio/video technology, and communications fields of study. Concepts and principles of Adobe graphic design and illustration will be covered, as well as the history and evolution of visual arts and design; The student will be expected to develop a basic understanding of the industry related to the arts, audio/video technology, and communications realm. Careers in the Arts, Audio/Video Technology, and Communications career cluster require, in addition to creative aptitude, a strong background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication.

H11401 Entrepreneurship 1

Grade(s): 8-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: None

Students will learn the principles necessary to begin and operate a business. The primary focus of the course is to help students understand the process of analyzing a business opportunity, preparing a business plan, determining feasibility of an idea using research, and developing a plan to organize and promote the business and its products and services. In addition, students will understand the basics of accounting, finance, marketing, risk, and product development.

H11113 Digital Design and Multimedia

Grade(s): 9-12
Credit: 1, GPA Level 0, Campus: SMS, SHS
Prerequisites: None

Digital Media students will analyze and assess current and emerging technologies, while designing and creating multimedia projects that address customer needs and resolve a problem. Students will implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society. Students will enhance reading, writing, computing, communication, and critical thinking and apply them to the IT environment.

H11137 Graphic Design and Illustration 1 w/Lab

Grade(s): 10-12
Credit: 2, GPA Level 0, Campus: SHS
Prerequisites: Digital Design and Multimedia

Graphic Design and Illustration 1 is a course for creative and artistic students. This course will appeal to students who enjoy designing and creating projects that communicate visually. Graphic Design and Illustration is a creative study of the art of visual communications and advertising through creativity, illustration, design, analysis, approach and technical skills. Students will improve communication skills by learning to communicate visually, describe and defend their work, interview clients, present completed layouts and develop electronic and print portfolios.

Students will be offered the opportunity to earn the following certification: Adobe Certified Associate (ACA) – Illustrator.

H11134 Graphic Design and Illustration 2 w/Lab

Grade(s): 11-12
Credit: 2, GPA Level 0, Campus: SHS
Prerequisites: Graphic Design and Illustration 1

Graphic Design and Illustration 2 will be a more in-depth study of illustration and visual communication with demonstrated ability to create, illustrate and communicate complicated ideas or designs with regard to technique and layout skills. Advanced students will be involved in projects for real-world situations or clients.

Students will be offered the opportunity to earn the following certification: Adobe Certified Associate (ACA) – Photoshop.

H1113T Practicum of Graphic Design and Illustration

Grade(s): 12
Credit: 2, GPA Level 0, Campus: SHS
Prerequisites: Graphic Design and Illustration 2 or Teacher's discretion

Practicum of Graphic Design and Illustration will build upon the skills used in Graphic Design 1 and 2. There will be a more in-depth study of illustration and visual communication with demonstrated ability to create, illustrate and communicate complicated ideas or designs with regard to technique and layout skills. Advanced students will be involved in projects for real-world situations or clients.

Students will be offered the opportunity to earn the following certification: Adobe Certified Associate (ACA)-Visual Design Specialist.

Students are required to obtain and maintain either employment or an internship placement to be enrolled in this class. Prior to the start of the school year, enrolled students are required to contact the instructor to document their placement information. In addition, students must be able to provide their own reliable transportation to remain enrolled in the course.



ENTREPRENEURSHIP is the process of creating, launching, and running a new business venture, driven by an individual (the entrepreneur) who identifies opportunities, takes on financial risks, and innovates to generate value and profit, leading to economic growth and job creation. It involves innovation, problem-solving, and the capacity to organize resources, but it also carries significant uncertainty and requires tenacity, resourcefulness, and a willingness to learn from failure.

H11200 Principles of Business, Marketing, and Finance

Grade(s): 8-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: None

Principles of Business Marketing & Finance is an introductory course that will give you basic knowledge in business, marketing, advertising, and economics. Students gain knowledge and skills in economies and private enterprise systems, the impact of global business, the marketing of goods and services, advertising, and product pricing. This course allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings in business, marketing, and finance.

H11401 Entrepreneurship 1

Grade(s): 8-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: None

Students will learn the principles necessary to begin and operate a business. The primary focus of the course is to help students understand the process of analyzing a business opportunity, preparing a business plan, determining feasibility of an idea using research, and developing a plan to organize and promote the business and its products and services. In addition, students will understand the basics of accounting, finance, marketing, risk, and product development.

H11402 Entrepreneurship 2

Grade(s): 11-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: Entrepreneurship 1

The purpose of the course is to prepare students with the knowledge and skills needed to become a successful entrepreneur within an innovative marketplace. The goal and outcome of the course is for students to have their business launched by the end of the course or have the tools necessary to launch and operate their business. Students are encouraged to work in close cooperation with local industry leaders, community members, and educators to develop ideas and objectives, complete a business model canvas, pitch to potential investors, register with governmental agencies, develop their brand identity, and participate in local chamber of commerce meetings and events.
Students will be provided the opportunity to earn the following certifications: Entrepreneurship and Small Business

H11240 Practicum in Entrepreneurship

Grade(s): 12
Credit: 2, GPA Level 0, Campus: SHS
Prerequisites: Entrepreneurship 2

The Practicum in Entrepreneurship provides students the opportunity to apply classroom learnings and experiences to real-world business problems and opportunities, while expanding their skill sets and professional relationships as a real or simulated business owner versus the experience one would have as an employee. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. **Students will be in charge of management and distribution of the Sanger High School store during before and after school, along with lunches.**



BUSINESS MARKETING AND SALES are distinct but intertwined functions, with marketing creating awareness, generating interest, and nurturing leads (top/middle of the funnel) through branding, advertising, and content, while sales focuses on closing deals, building relationships, and converting those leads into paying customers (bottom of the funnel) through direct interaction, pitches, and negotiations. Effective businesses align these teams for shared goals, using data and communication to ensure a seamless customer journey from initial awareness to final purchase, ultimately driving revenue growth.

H11200 Principles of Business, Marketing, and Finance

Grade(s): 8-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: None

Principles of Business Marketing & Finance is an introductory course that will give you basic knowledge in business, marketing, advertising, and economics. Students gain knowledge and skills in economies and private enterprise systems, the impact of global business, the marketing of goods and services, advertising, and product pricing. This course allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings in business, marketing, and finance.

H11401 Entrepreneurship 1

Grade(s): 8-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: None

Students will learn the principles necessary to begin and operate a business. The primary focus of the course is to help students understand the process of analyzing a business opportunity, preparing a business plan, determining feasibility of an idea using research, and developing a plan to organize and promote the business and its products and services. In addition, students will understand the basics of accounting, finance, marketing, risk, and product development.

H11113 Digital Design and Multimedia

Grade(s): 9-12
Credit: 1, GPA Level 0, Campus: SMS, SHS
Prerequisites: None

Digital Media students will analyze and assess current and emerging technologies, while designing and creating multimedia projects that address customer needs and resolve a problem. Students will implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society. Students will enhance reading, writing, computing, communication, and critical thinking and apply them to the IT environment.

H11205 Social Media Marketing

Grade(s): 10-12
Credit: 0.5, GPA Level 0, Campus: SHS
Prerequisites: Entrepreneurship 1 or Principles of Business

Social Media Marketing is designed to look at the rise of social media and how marketers are integrating social media tools in their overall marketing strategy. The course will investigate how the marketing community measures success in the new world of social media. Students will manage a successful social media presence for an organization, understand techniques for gaining customer and consumer buy-in to achieve marketing goals, and properly select social media platforms to engage consumers and monitor and measure the results of these efforts.

H11206 Sports and Entertainment Marketing

Grade(s): 10-12
Credit: 0.5, GPA Level 0, Campus: SHS
Prerequisites: Entrepreneurship 1 or Principles of Business

Sports and Entertainment Marketing will provide students with a thorough understanding of the marketing concepts and theories that apply to sports and entertainment. The areas this course will cover include basic marketing concepts, publicity, sponsorship, endorsements, licensing, branding, event marketing, promotions, and sports and entertainment marketing strategies.
Students will be provided the opportunity to earn the following certifications: Stukent Social Media Marketing Certification.

H11240 Practicum in Entrepreneurship

Grade(s): 12
Credit: 2, GPA Level 0, Campus: SHS
Prerequisites: Sports and Entertainment Marketing and Sports Entertainment Marketing

Practicum in Entrepreneurship is a series of dynamic activities that focus on the customer to generate a profitable exchange. Students will gain knowledge and skills that help them to be proficient in one or more of the marketing functional areas associated with distribution, financing, marketing information management, pricing, product planning, promotion, purchasing, risk management, and selling skills. Students will integrate skills from academic subjects, information technology, interpersonal communication, and management training to make responsible decisions. **Students will be in charge of management and distribution of the Sanger High School store during before and after school, along with lunches.**



AUTOMOTIVE AND COLLISION REPAIR is the study, development, and application of systems in self-propelled vehicles, blending mechanical skills with computer science for maintenance, repair, and innovation, focusing on complex areas like electronic diagnostics, hybrid/EV powertrains, sensors, and software to manage everything from engines and brakes to advanced features like driver-assistance systems and autonomous driving, requiring technicians to continuously learn new tech to keep modern cars running.

H11911 Principles of Transportation Systems

Grade(s): 9-10
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: None

In Principles of Transportation Systems, students will gain knowledge and skills in the safe application, design, production, and assessment of products, services, and systems. This knowledge includes the history, laws and regulations, and common practices used in the transportation industry. Students should apply knowledge and skills in the application, design, and production of technology as it relates to the transportation industries. relevant activities, problems and settings.
****In the restructuring of this program of study, Principles of Transportation Systems will not be offered 2026-2027.**

H11401 Entrepreneurship 1

Grade(s): 8-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: None

Students will learn the principles necessary to begin and operate a business. The primary focus of the course is to help students understand the process of analyzing a business opportunity, preparing a business plan, determining feasibility of an idea using research, and developing a plan to organize and promote the business and its products and services. In addition, students will understand the basics of accounting, finance, marketing, risk, and product development.

H11912 Automotive Basics

Grade(s): 10-11
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: None

Automotive Basics includes knowledge of the basic automotive systems and the theory and principles of the components that make up each system and how to service these systems. Automotive Basics includes applicable safety and environmental rules and regulations. In Automotive Basics, students will gain knowledge and skills in the repair, maintenance and servicing of vehicle systems. This study allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems and settings.
Students will have the opportunity to earn the ASE Entry-Level Automobile Refrigeration certification

H11913 Small Engine Technology

Grade(s): 10-11
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: None

Small Engine Technology I includes knowledge of the function and maintenance of the systems and components of all types of small engines such as outdoor power equipment, motorcycles, generators, and irrigation engines. This course is designed to provide training for employment in the small engine technology industry. Instruction includes the repair and service of cooling, air, fuel, lubricating, electrical, ignition, and mechanical systems.

H11903 Automotive Technology 1: Maintenance and Light Repair

Grade(s): 11-12
Credit: 2, GPA Level 0, Campus: SHS
Prerequisites: Small Engine Technology and Auto Basics

The Automotive Technology 1 student will gain knowledge and skills in the repair, maintenance, and diagnosis of motor vehicles. This study allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. Students will explore career and post-secondary opportunities as they relate to the automotive repair industry. **The required fee for this course is $100.00.Students will have the opportunity to earn the ASE Entry-Level Automobile Brakes certification.**

H11904 Automotive Technology 2: Automotive Service

Grade(s): 12
Credit: 3, GPA Level 0, Campus: SHS
Prerequisites: Automotive Technology 1: Maintenance and Light Repair
Note: There is an additional course Advanced Transportation Systems Lab credit given with this course.

The Automotive Technology 2 student will build on the knowledge and skills in the repair, maintenance, and diagnosis of motor vehicles acquired from Automotive Technology I. Students will explore career and post-secondary opportunities as they relate to the automotive repair industry. **The required fee for this course is $100.00. Additional supplies required: Starter kit purchased from Harbor freight (approximately $100) including tool cart, small set of wrenches and sockets.**

Students will have the opportunity to earn the FORD ACE Chassis Master certification.



DISTRIBUTION AND LOGISTICS is the crucial process of planning, implementing, and controlling the efficient flow and storage of goods, services, and information from the point of origin to the point of consumption, ensuring customer needs are met by coordinating procurement, warehousing, transportation, and inventory management within the broader supply chain. Key elements include transportation (modes like air, sea, land), warehousing (storage, handling), inventory control (demand forecasting, stock), order fulfillment, and customer service. Career opportunities span global supply chains, involving roles from data entry to strategic management, with high demand for efficiency and problem-solving in areas like e-commerce logistics and trucking.

H11911 Principles of Transportation Systems

Grade(s): 9-10
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: None

In Principles of Transportation Systems, students will gain knowledge and skills in the safe application, design, production, and assessment of products, services, and systems. This knowledge includes the history, laws and regulations, and common practices used in the transportation industry. Students should apply knowledge and skills in the application, design, and production of technology as it relates to the transportation industries. relevant activities, problems and settings.
****In the restructuring of this program of study, Principles of Transportation Systems will not be offered 2026-2027.**

H11912 Automotive Basics

Grade(s): 10-11
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: Principles of Transportation Systems

Automotive Basics includes knowledge of the basic automotive systems and the theory and principles of the components that make up each system and how to service these systems. Automotive Basics includes applicable safety and environmental rules and regulations. In Automotive Basics, students will gain knowledge and skills in the repair, maintenance and servicing of vehicle systems. This study allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems and settings.

H11913 Small Engine Technology

Grade(s): 10-11
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: None

Small Engine Technology I includes knowledge of the function and maintenance of the systems and components of all types of small engines such as outdoor power equipment, motorcycles, generators, and irrigation engines. This course is designed to provide training for employment in the small engine technology industry. Instruction includes the repair and service of cooling, air, fuel, lubricating, electrical, ignition, and mechanical systems.

H Principles of Distribution and Logistics

Grade(s): 11-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: Automotive Basics and Small Engine Technology

In Principles of Distribution and Logistics, students will gain knowledge and skills in the safe application, design, production, and assessment of products, services, and systems. This knowledge includes the history, laws and regulations, and common practices used in the logistics of warehousing and transportation systems. Students should apply knowledge and skills in the application, design, and production of technology as it relates to distribution and logistics industries. This course allows students to reinforce, apply, and transfer their academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings.

H Management of Transportation Systems

Grade(s): 11-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: Automotive Basics and Small Engine Technology

In Management of Transportation Systems, students will gain knowledge and skills in material handling, distribution and proper application, design, and production of technology as it relates to the transportation industries. This course includes the safe operation of tractor-trailers, forklifts, and related heavy equipment. This course will allow students to reinforce, apply, and transfer their academic knowledge and skills to management of transportation systems and associated careers.

H Practicum in Distribution and Logistics

Grade(s): 12
Credit: 3, GPA Level 0, Campus: SHS
Prerequisites: Management of Transportation Systems
Note: There is an additional course Extended Practicum Lab credit given with this course.

Practicum in Distribution and Logistics is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience such as internships, mentorships, independent study, or laboratories. The Practicum can be either school lab based or work based.



ENGINEERING FOUNDATIONS refer to both the fundamental principles/skills taught in introductory engineering programs (like math, design process, problem-solving) and the physical base of structures (shallow/deep foundations) that transfer loads to the ground, a specialized field within geotechnical engineering. These concepts cover academic pathways for aspiring engineers and the practical construction aspects that ensure building stability, emphasizing soil mechanics, design, and load-bearing capacity.

H11095 Principles of Applied Engineering

Grade(s): 8
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: None

Principles of Applied Engineering provides an overview of the various fields of science, technology, engineering, and mathematics and their interrelationships. Students will develop engineering communication skills, which include computer graphics, modeling, and presentations, by using a variety of computer hardware and software applications to complete assignments and projects. Upon completing this course, students will have an understanding of the various fields of engineering and will be able to make informed career decisions.

H11104 Engineering Design and Presentation 1

Grade(s): 9-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: Principles of Applied Engineering, Algebra I

Engineering Design and Presentation I is a continuation of knowledge and skills learned in Principles of Applied Engineering. Students enrolled in this course will demonstrate knowledge and skills of the design process as it applies to engineering fields using multiple software applications and tools necessary to produce and present working drawings, solid model renderings, and prototypes. Students will use a variety of computer hardware and software applications to complete assignments and projects. Through implementation of the design process, students will transfer advanced academic skills to component designs. Additionally, students explore career opportunities in engineering, technology, and drafting and what is required to gain and maintain employment in these areas.

H11105 Robotics 1

Grade(s): 10-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: Engineering Design and Presentation

Robotics 1 was designed to introduce the students to the fundamentals of problem solving, program design, algorithms and programming using a high-level language. This course introduces the fundamental concepts of programming and robotics. The applications of programming and building robots apply science, technology, engineering and math (STEM) concepts. Students will have the opportunity to complete multiple challenges involving guided research, problem solving, working in teams, and design documentation.

H11109 Robotics 2

Grade(s): 11-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: Robotics 1

Robotics II, students will explore artificial intelligence and programming in the robotic and automation industry. Through implementation of the design process, students will transfer academic skills to component designs in a project-based environment. Students will build prototypes and use software to test their designs.

H11106 **Engineering Design and Presentation 2**

Grade(s): 11-12
Credit: 2, GPA Level 0, Campus: SHS
Prerequisites: Algebra 1, Geometry, and Engineering Design Process

Engineering Design and Presentation II is a continuation of knowledge and skills learned in Engineering Design and Presentation I. Students enrolled in this course will demonstrate advanced knowledge and skills of a system design process as it applies to engineering fields and project management using multiple software applications and tools necessary to produce and present working drawings, solid model renderings, and prototypes. Students will expand on the use of a variety of computer hardware and software applications to complete assignments and projects. Through implementation of a system design process, students will transfer advanced academic skills to component designs and engineering systems. Emphasis will be placed on transdisciplinary and integrative approaches using skills from ideation, prototyping, and project management methods.



DRONEs involves using Unmanned Aircraft Systems (UAS/drones) for various purposes, from recreation to commercial and governmental functions, requiring adherence to strict FAA rules like Part 107 for commercial pilots, focusing on safe integration into national airspace through registration, Remote ID, and airspace authorizations like LAANC, with operations governed by laws regarding privacy and airspace safety for all flyers.

H11104 **Engineering Design and Presentation 1**

Grade(s): 9-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: Principles of Applied Engineering, Algebra I

Engineering Design and Presentation I is a continuation of knowledge and skills learned in Principles of Applied Engineering. Students enrolled in this course will demonstrate knowledge and skills of the design process as it applies to engineering fields using multiple software applications and tools necessary to produce and present working drawings, solid model renderings, and prototypes. Students will use a variety of computer hardware and software applications to complete assignments and projects. Through implementation of the design process, students will transfer advanced academic skills to component designs. Additionally, students explore career opportunities in engineering, technology, and drafting and what is required to gain and maintain employment in these areas.

H11105 **Robotics 1**

Grade(s): 10-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: Engineering Design and Presentation

Robotics 1 was designed to introduce the students to the fundamentals of problem solving, program design, algorithms and programming using a high-level language. This course introduces the fundamental concepts of programming and robotics. The applications of programming and building robots apply science, technology, engineering and math (STEM) concepts. Students will have the opportunity to complete multiple challenges involving guided research, problem solving, working in teams, and design documentation.

H11102 **Drone: Introduction to Unmanned Aerial Vehicles (UAV)**

Grade(s): 11-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: Robotics 1

The Introduction to Unmanned Aerial Vehicle (UAV) Flight course is designed to prepare students for entry-level employment or continuing education in piloting UAV operations. Principles of UAV is designed to instruct students in UAV flight navigation, industry laws and regulations, and safety regulations. Students are also exposed to mission planning procedures, environmental factors, and human factors involved in the UAV industry.

Students will have the opportunity to earn the following certification: FAA Part 107 Remote Drone Pilot

H11109 **Robotics 2**

Grade(s): 11-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: Robotics 1

Robotics II, students will explore artificial intelligence and programming in the robotic and automation industry. Through implementation of the design process, students will transfer academic skills to component designs in a project-based environment. Students will build prototypes and use software to test their designs.

H11103 **Practicum in Manufacturing**

Grade(s): 12
Credit: 2, GPA Level 0, Campus: SHS
Prerequisites: Drone (UAV)

The Practicum in Manufacturing course is designed to give students supervised practical application of previously studied knowledge and skills within the Robotics/Engineering course of study. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

Students are required to obtain and maintain either employment or an internship placement to be enrolled in this class. Prior to the start of the school year, enrolled students are required to contact the instructor to document their placement information. In addition, students must be able to provide their own reliable transportation to remain enrolled in the course.



CULINARY ARTS is the professional practice of preparing, cooking, presenting, and serving food, blending creativity with technical skills to transform ingredients into meals, with careers ranging from chefs and pastry artists to food managers, often requiring specialized education in areas like sanitation, nutrition, and business management. It's a diverse field covering all aspects of cuisine, from restaurant kitchens to catering and product development, with paths including associate degrees, certificates, and hands-on experience.

H11401 Entrepreneurship 1

Grade(s): 8-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: None

Students will learn the principles necessary to begin and operate a business. The primary focus of the course is to help students understand the process of analyzing a business opportunity, preparing a business plan, determining feasibility of an idea using research, and developing a plan to organize and promote the business and its products and services. In addition, students will understand the basics of accounting, finance, marketing, risk, and product development.

H11419 Introduction to Culinary Arts

Grade(s): 10-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: None

Introduction to Culinary Arts is a laboratory-based course that will emphasize the principles of planning, organizing, staffing, directing, and controlling the management of a variety of food service operations. The course will provide insight into the operation of a well-run restaurant. Introduction to Culinary Arts will provide insight into food production skills, various levels of industry management, and hospitality skills. Students will be required to pay a fee of $25 to be enrolled in this course.
Students will be provided the opportunity to earn the following certifications: Texas Food Handlers Certification.

H11420 Culinary Arts

Grade(s): 11-12
Credit: 2, GPA Level 0, Campus: SHS
Prerequisites: Introduction to Culinary Arts

Culinary Arts is a laboratory-based course that begins with the fundamentals and principles of the art of cooking and the science of baking and includes management and production skills and techniques. Students will gain practical experience operating a student-run catering service, and The Old #6 food truck. Students will be required to pay a fee of $80 to be enrolled in this course.
Students will be provided the opportunity to earn the following certifications: ServSafe Manager Certification.

H11423 Advanced Culinary Arts

Grade(s): 12
Credit: 2, GPA Level 0, Campus: SHS
Prerequisites: Culinary Arts

Advanced Culinary Arts will extend content and enhance skills introduced in Culinary Arts by in-depth instruction of industry-driven standards in order to prepare students for success in higher education, certifications, and/or immediate employment. Students will be required to pay a fee of $80 to be enrolled in this course. Students will gain practical experience operating a student-run catering service, and The Old #6 food truck.
Students will be provided the opportunity to earn the following certifications: Servsafe Manager Certification.

H11430 **Practicum in Culinary Arts**

Grade(s): 12 (Future course)
Credit: 2, GPA Level 0, Campus: SHS
Prerequisites: Advanced Culinary Arts

Practicum in Culinary Arts will extend content and enhance skills introduced in Culinary Arts by in-depth instruction of industry-driven standards in order to prepare students for success in higher education, certifications, and/or immediate employment. Students will gain practical experience operating a student-run catering service, and The Old #6 food truck.

CAREER AND TECHNICAL EDUCATION

- PUBLIC SERVICES
  - Education and Human Services
    - Teaching and Community Services
    - Cosmetology & Personal Care
  - Health Science
    - Diagnostic and Therapeutic Services
    - Exercise Science, Wellness, and Restoration
  - Law and Public Service
    - Criminal Justice (Law Enforcement)



TEACHING AND COMMUNITY SERVICE merge through service-learning, an educational approach that links classroom learning with real-world community needs, fostering civic responsibility, practical skills (like critical thinking, teamwork), and deeper understanding of academic concepts through action and reflection, benefiting both students and the community. Teachers facilitate this by integrating projects like environmental clean-ups or tutoring, bringing community expertise into schools, and guiding students to become engaged, empathetic global citizens.

H11422 Principles of Human Services

Grade(s): 8
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: None

Principles of Human Services enables students to investigate a wide range of fields. Topics covered include: teaching and training, counseling and mental health, early childhood development, family and community, food and nutrition, personal care, fashion design, interior design, consumer services, and employability skills. Each student is expected to complete the knowledge and skills essential for success in high-skill, high-wage, or high-demand careers.

H11401 Entrepreneurship 1

Grade(s): 8-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: None

Students will learn the principles necessary to begin and operate a business. The primary focus of the course is to help students understand the process of analyzing a business opportunity, preparing a business plan, determining feasibility of an idea using research, and developing a plan to organize and promote the business and its products and services. In addition, students will understand the basics of accounting, finance, marketing, risk, and product development.

H11520 Lifetime Nutrition and Wellness

Grade(s): 9-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: None

Lifetime Nutrition and Wellness covers nutrition principles for lifelong health, focusing on nutrients, balanced diets, food prep, safety, digestion, metabolism, exercise, and career connections, requiring hands-on lab work and promoting informed choices for well-being, often integrating with careers in health, hospitality, and human services. Key topics include macronutrients (carbs, fats, proteins), micronutrients, managing weight, addressing eating disorders, and creating healthy meal plans, all within a practical, skills-based curriculum.

H11511 Interpersonal Studies

Grade(s): 9-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: None

Interpersonal Studies focuses on enhancing personal development, fostering quality relationships, promoting family wellness, managing roles, and exploring related careers like counseling. Key skills taught include communication, active listening, conflict resolution, understanding family dynamics, technology management in families, and developing self-esteem, often using practical projects and real-world applications.

H11540 Human Growth and Development

Grade(s): 10-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: Interpersonal Studies and Lifetime Nutrition

Human Growth and Development is an examination of human development across the lifespan with emphasis on research, theoretical perspectives, and common physical, cognitive, emotional, and social developmental milestones.

H11555 Family and Community Services

Grade(s): 11-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: Human Growth Development

Family and Community Services is teaching skills for social services, child/family development, and community support, leading to careers in social work, therapy, or counseling, with hands-on service-learning and community involvement. The courses cover family roles, societal impacts, relationship building, and career readiness.

H11 Practicum of Human Services

Grade(s): 12
Credit: 2, GPA Level 0, Campus: SHS
Prerequisites: Family and Community Services

The Practicum in Human Services focuses on hands-on experience in consumer services, early childhood, mental health, and family/community support, combining classroom learning with real-world internships to build skills for high-demand human services careers, emphasizing communication, problem-solving, and ethical practices.

Students will be provided the opportunity to earn the following certification: Community Health Worker.



The ***COSMETOLOGY*** and Personal Care Services program of study introduces students to knowledge and skills related to providing beauty and personal care services. CTE concentrators may learn about or practice managing personal care facilities and coordinating or supervising personal service workers.

H11401 Entrepreneurship 1

Grade(s): 8-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: None

Students will learn the principles necessary to begin and operate a business. The primary focus of the course is to help students understand the process of analyzing a business opportunity, preparing a business plan, determining feasibility of an idea using research, and developing a plan to organize and promote the business and its products and services. In addition, students will understand the basics of accounting, finance, marketing, risk, and product development.

H11620 Introduction to Cosmetology

Grade(s): 11-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites:

In Introduction to Cosmetology, students explore careers in the cosmetology industry. To prepare for success, students must have academic and technical knowledge and skills relative to the industry. Students may begin to earn hours toward state licensing requirements

H11621 Cosmetology 1 w/Lab

Grade(s): 11-12
Credit: 3, GPA Level 0, Campus: SHS
Prerequisites:

In Cosmetology 1, students coordinate integration of academic, career, and technical knowledge and skills in this laboratory instructional sequence course designed to provide job-specific training for employment in cosmetology careers. Instruction includes sterilization and sanitation procedures, hair care, nail care, and skin care and meets the Texas Department of Licensing and Regulation (TDLR) requirements for licensure upon passing the state examination. Analysis of career opportunities, license requirements, knowledge and skills expectations, and development of workplace skills are included.

H11619 Principles of Cosmetology Design and Color Theory

Grade(s): 11-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites:

In Principles of Cosmetology Design and Color Theory, students coordinate integration of academic, career, and technical knowledge and skills in this laboratory instructional sequence course designed to provide job-specific training for employment in cosmetology careers. Students will attain academic skills and knowledge as well as technical knowledge and skills related to cosmetology design and color theory. Students will develop knowledge and skills regarding various cosmetology design elements such as form, lines, texture, structure and illusion or depth as they relate to the art of cosmetology. Instruction includes sterilization and sanitation procedures, hair care, nail care, and skin care and meets the TDLR requirements for licensure upon passing the state examination. Analysis of career opportunities, license requirements, knowledge and skills expectations, and development of workplace skills are included.

H11622 **Cosmetology 2 w/Lab**

Grade(s): 12
Credit: 2, GPA Level 0, Campus: SHS
Prerequisites:

In Cosmetology 2, students will demonstrate proficiency in academic, technical, and practical knowledge and skills. The content is designed to provide the occupational skills required for licensure. Instruction includes advanced training in professional standards/employability skills; Texas Department of Licensing and Regulation (TDLR) rules and regulations; use of tools, equipment, technologies and materials; and practical skills. Cosmetology 2 Lab provides instruction and content directly aligned to the licensure requirements as established by the Texas Department of Licensing and Regulation (TDLR).

Students will be provided the opportunity to earn the following certifications: Cosmetology Operator Certificate – Level 1 Workforce Certification; Cosmetology Operator License.



DIAGNOSTIC AND THERAPEUTIC SERVICE focuses on the CNA (Certified Nursing Assistant) and PCT (Patient Care Technician) These have similar roles focused on direct patient care, but PCTs typically have a broader scope, performing CNA duties plus more advanced tasks like blood draws (phlebotomy) and EKG monitoring, often requiring additional training and certification, making PCT a higher-level role often found in hospitals, while CNAs are common in long-term care.

H11321 Principles of Health Science

Grade(s): 9-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: None

The Principles of Health Science course is designed to provide an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the healthcare industry. Principles of Health Science provides students with an overview of the healthcare industry. Focus is on exploration, leadership development, ethical and legal issues and history of medicine and economics and trends in financing health care. Students develop a concept of health and wellness from the perspective of a health consumer, as well as a potential professional in the healthcare industry.

H11310 Medical Terminology

Grade(s): 10-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: Suggested Principles of Health Science

Medical Terminology is designed to develop a working knowledge of the language of medicine. Students acquire word-building skills by learning prefixes, suffixes, roots and abbreviations. A body systems approach is used, which includes anatomy, common diseases/disorders, diagnostic and therapeutic treatments and common abbreviations.

H11320 Health Science Theory + Clinic

Grade(s): 11-12
Credit: 2, GPA Level 0, Campus: SHS
Prerequisites: Principles of Health Science

Health Science Theory is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. This course involves clinical rotations in medical environments. Students learn to maintain a safe environment, prevent hazardous situations, follow protocol related to hazardous materials, and follow strategies for the prevention of disease and infections. Students will perform health screenings, monitor examinations, observe clients during care and procedures, and accurately measure and report client vital signs and other indicators of health status.
Students will have the opportunity to earn an Industry-based certification including: EKG and/or Phlebotomy.

H11340 Anatomy and Physiology

Grade(s): 11-12
Credit: 1, GPA Level 1, Campus: SHS
Prerequisites: Biology and a second science credit

The Anatomy and Physiology course is designed for students to conduct laboratory investigations, use scientific methods, and make informed decisions using critical thinking and scientific problem solving. Students in Anatomy and Physiology will study a variety of topics including study of the cells, tissues, and organ systems of the human body. Emphasis is on understanding the physiologic mechanisms maintaining homeostasis. The dynamics of cell membranes, as well as the components and functions of the integumentary, skeletal, muscular, nervous, and endocrine systems will be studied. Through a variety of laboratory activities designed to complement lecture topics, students will have the opportunity to learn the anatomy of these organ systems and participate in activities which demonstrate key concepts associated with these organ systems.

H11330 **Practicum in Health Science**

Grade(s): 12
Credit: 2, GPA Level 0, Campus: SHS
Prerequisites: Health Science Theory and Clinic

Students will have the opportunity to observe various health care professionals during clinical rotations and study health care related topics in the classroom. There is an application process to be accepted to this class as well as a cost. **Items that must be purchased by the student before fall semester begins include: black scrubs, a watch with a second hand, a black pair of non-slip leather tennis shoes, flu and Hepatitis B vaccinations and textbooks (approximately $200.00).** Students will be able to choose from the following placement options: CNA or Patient Care Technician.

Students will have the opportunity to earn an Industry-based certification including: Certified Nursing Aide/Assistant (CNA) or Patient Care Technician (PCT).



EXERCISE SCIENCE AND WELLNESS are deeply connected, with regular physical activity being a cornerstone for improving physical health (like heart function, weight, and disease prevention) and mental well-being (reducing anxiety, boosting mood, improving sleep) by impacting brain chemicals, energy levels, and overall body function, leading to better quality of life and longevity, even in short, consistent bursts.

H11427 Principles of Exercise Science and Wellness

Grade(s): 9-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: None

The Principles of Exercise Science and Wellness course is designed to provide for the development of knowledge and skills in fields that assist patients with maintaining physical, mental, and emotional health. Students in this course will understand diet and exercise, as well as techniques to help patients recover from injury, illness, and disease. They will also learn about introductory health science topics such as employability skills, lifespan development, and ethical and legal standards.

H11321 Principles of Health Science

Grade(s): 9-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: None

The Principles of Health Science course is designed to provide an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the healthcare industry. Principles of Health Science provides students with an overview of the healthcare industry. Focus is on exploration, leadership development, ethical and legal issues and history of medicine and economics and trends in financing health care. Students develop a concept of health and wellness from the perspective of a health consumer, as well as a potential professional in the healthcare industry.

H11401 Entrepreneurship 1

Grade(s): 8-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: None

Students will learn the principles necessary to begin and operate a business. The primary focus of the course is to help students understand the process of analyzing a business opportunity, preparing a business plan, determining feasibility of an idea using research, and developing a plan to organize and promote the business and its products and services. In addition, students will understand the basics of accounting, finance, marketing, risk, and product development.

H11428 Kinesiology I

Grade(s): 10-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: Principles of Exercise Science and Wellness

This course is designed to introduce students to the basic concepts of kinesiology. Students will gain an understanding of body mechanics, physiological functions of muscles and movements, the history of kinesiology, and the psychological impact of sports and athletic performance.

H11310 Medical Terminology

Grade(s): 10-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: Suggested Principles of Health Science or Principles of Exercise and Wellness

Medical Terminology is designed to develop a working knowledge of the language of medicine. Students acquire word-building skills by learning prefixes, suffixes, roots and abbreviations. A body systems approach is used, which includes anatomy, common diseases/disorders, diagnostic and therapeutic treatments and common abbreviations.

H11520 Lifetime Nutrition and Wellness

Grade(s): 9-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: None

Lifetime Nutrition and Wellness covers nutrition principles for lifelong health, focusing on nutrients, balanced diets, food prep, safety, digestion, metabolism, exercise, and career connections, requiring hands-on lab work and promoting informed choices for well-being, often integrating with careers in health, hospitality, and human services. Key topics include macronutrients (carbs, fats, proteins), micronutrients, managing weight, addressing eating disorders, and creating healthy meal plans, all within a practical, skills-based curriculum.

H11511 Interpersonal Studies

Grade(s): 9-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: None

Interpersonal Studies focuses on enhancing personal development, fostering quality relationships, promoting family wellness, managing roles, and exploring related careers like counseling. Key skills taught include communication, active listening, conflict resolution, understanding family dynamics, technology management in families, and developing self-esteem, often using practical projects and real-world applications.

H11431 Kinesiology 2

Grade(s): 11-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: Kinesiology I

This course is designed to take the skills, training, and information learned in Kinesiology I and will extend content and enhance skills introduced. Students will gain more of an understanding of body mechanics, physiological functions of muscles and movements, the history of kinesiology, and the psychological impact of sports and athletic performance. **Note: Students taking this course can also need to be enrolled in the Project-Based Research course which provides hands-on opportunities for students to apply the knowledge and skills acquired.**

Students will have the opportunity to earn an Industry-based certification including: Pre-Professional Certification in Nutrition, Food, and Wellness.

H11426 Career and Education Project Based Capstone (Trainer Year 1)

Grade(s): 11-12
Credit: 1, GPA Level 1, Campus: SHS
Prerequisites: Principles of Exercise Science and Wellness or pursuing the Health Science Program of Study.

Project-Based Research is a course for students to research a real-world problem. Students are matched with a mentor from the professional community to develop an original project on a topic related to career interests. Students use scientific methods of investigation to conduct in-depth research, compile findings, and present their findings to an audience that includes experts in the field. To attain academic success, students must have opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. Note: Students will serve as Athletic Trainers as they travel with various teams throughout UIL competitions and assist the sports medicine staff with injury management, physical therapy, and rehabilitation as appropriate for skill level. **Note: This course must be taken concurrently with Kinesiology 2 (Student Training).**

H11340 Anatomy and Physiology

Grade(s): 11-12
Credit: 1, GPA Level 1, Campus: SHS
Prerequisites: Biology and a second science credit

The Anatomy and Physiology course is designed for students to conduct laboratory investigations, use scientific methods, and make informed decisions using critical thinking and scientific problem solving. Students in Anatomy and Physiology will study a variety of topics including study of the cells, tissues, and organ systems of the human body. Emphasis is on understanding the physiologic mechanisms maintaining homeostasis. The dynamics of cell membranes, as well as the components and functions of the integumentary, skeletal, muscular, nervous, and endocrine systems will be studied. Through a variety of laboratory activities designed to complement lecture topics, students will have the opportunity to learn the anatomy of these organ systems and participate in activities which demonstrate key concepts associated with these organ systems.

H11432 Practicum in Health Science (Trainer Year 2)

Grade(s): 12
Credit: 2, GPA Level 0, Campus: SHS
Prerequisites: Kinesiology 1 and Project Based Research, or pursuing the Health Science Program of Study.

The Practicum in Entrepreneurship provides students the opportunity to apply classroom learnings and experiences to real-world business problems and opportunities, while expanding their skill sets and professional relationships as a real or simulated business owner versus the experience one would have as an employee. Students will prepare for an entrepreneurial career in their area of interest in their career cluster and build on and apply the knowledge and skills gained from courses taken in an array of career areas. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. **(Student Training)**

Students will have the opportunity to earn an Industry-based certification including: Certified Personal Trainer.



LAW ENFORCEMENT is the system of government agencies and personnel (police, sheriffs, federal agents) tasked with enforcing laws, maintaining public order, protecting life and property, and ensuring safety by investigating crimes, apprehending suspects, and deterring violations through patrols, evidence gathering, and legal processes, operating across local, state, and federal levels to uphold societal rules and norms. Key roles involve responding to calls, patrolling, traffic enforcement, evidence collection, arrests, and courtroom testimony, with officers needing to meet specific requirements and undergo training to carry out these duties.

H11699 Principles of Law, Public Safety, and Corrections and Security

Grade(s): 8-11
Credit: 2, GPA Level 0, Campus: SHS
Prerequisites: None

Principles of Law, Public Safety, Corrections, and Security introduces students to professions in law enforcement, protective services, corrections, firefighting, and emergency management services. Students will examine the roles and responsibilities of police, courts, corrections, private security, and protective agencies of fire and emergency services. The course provides students with an overview of the skills necessary for careers in law enforcement, fire service, protective services, and corrections.

H11704 Law Enforcement 1

Grade(s): 11-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: Principles of Law

Law Enforcement 2 is an overview of the history, organization, and functions of local, state and federal law enforcement. Students will learn the basics of patrol functions and crime scene investigations. This course includes the role of constitutional law, the United States legal system, criminal law, law enforcement terminology, and the classification and elements of crime

H11704 Law Enforcement 2

Grade(s): 11-12
Credit: 1, GPA Level 0, Campus: SHS
Prerequisites: Principles of Law

Law Enforcement 2 is an overview of the history, organization, and functions of local, state and federal law enforcement. Students will learn the basics of patrol functions and crime scene investigations. This course includes the role of constitutional law, the United States legal system, criminal law, law enforcement terminology, and the classification and elements of crime

H11705 Criminal Investigation

Grade(s): 11-12
Credit: 1, GPA Level 1, Campus: SHS
Prerequisites: Law Enforcement 1

Criminal Investigation is a course that introduces students to the profession of criminal investigations. Students will understand basic functions of criminal investigations and procedures and will learn how to investigate or follow up during investigations. Students will learn terminology and investigative procedures related to criminal investigation, crime scene processing, evidence collection, fingerprinting, and courtroom presentation. Through case studies and simulated crime scenes, students will collect and analyze evidence such as fingerprint analysis, bodily fluids, hairs, fibers, shoe and tire impressions, bite marks, drugs, tool marks, firearms and ammunition, blood spatter, digital evidence, and other types of evidence.

H11710 Forensic Science

Grade(s): 12
Credit: 1, GPA Level 1, Campus: SHS
Prerequisites: Biology and Chemistry, and Criminal Investigation
Note: This course will have limited space. Priority students will be those pursuing a Criminal Justice program of study.

Forensic Science is a course that applies the technological practices of justice, with biological, chemical and physical science principles, to the study of criminal and civil issues. Major themes of study are pathology, anthropology, odontology, ballistics, trace evidence, biological fluids, DNA, and fingerprint evidence. Students will have the opportunity to collect and analyze such evidence through case studies and mock crime scenes. Lab activities will be based on crime scene scenarios. Students will also learn about the history and legal aspects of forensic science and career options available in the forensic field.

H11733 Practicum in Law, Public Safety, Corrections, and Security

Grade(s): 12
Credit: 2, GPA Level 0, Campus: SHS
Prerequisites: Law Enforcement 1 and 2

Practicum in Law, Public Safety, Corrections and Security course includes knowledge of and preparation for postsecondary education and training or employment in the law enforcement field in the areas of forensic science, communications, GIS, law enforcement and investigations. The rules, regulations, laws, and techniques that assist the law enforcement professional are applied through the use of a variety of tools and equipment.

Students will be provided the opportunity to earn the following certification: International Academy of Emergency Dispatch Emergency Telecommunicator (IAED).

Students are required to obtain and maintain an internship placement to be enrolled in this class. Prior to the start of the school year, enrolled students are required to contact the instructor to document their placement information. In addition, students must be able to provide their own reliable transportation to remain enrolled in the course.

CAREER AND TECHNICAL EDUCATION

- DUAL CREDIT
  - Emergency Services

LAGRONE PROGRAM

EMERGENCY SERVICES
ENDORSEMENT AND PROGRAM OF STUDY

COURSE LIST

Course	Grade Level	Credit Earned
Principles of Law and Safety	11	1
Firefighter 1 (LGA/NCTC)	11-12	2
Firefighter 2 (LGA/NCTC)	12	3
Emergency Medical Technician (LGA/NCTC)	12	2
Anatomy and Physiology	11-12	1

EMERGENCY SERVICES
ENDORSEMENT AND PROGRAM OF STUDY

The Emergency Services program of study focuses on training students to respond to emergency situations, namely medical emergencies and fire-based emergencies. Students may learn how to prevent emergencies, respond appropriately and in accordance with rules and regulations during crises, and investigate and delineate the source of the emergency.

COURSE DESCRIPTIONS _____EMERGENCY SERVICES

H11700 Principles of Law, Public Safety, and Corrections and Security
Grade(s): 9-11
Credit: 2, GPA Level 0, Campus: SHS
Prerequisites: None

Principles of Law, Public Safety, Corrections, and Security introduces students to professions in law enforcement, protective services, corrections, firefighting, and emergency management services. Students will examine the roles and responsibilities of police, courts, corrections, private security, and protective agencies of fire and emergency services. The course provides students with an overview of the skills necessary for careers in law enforcement, fire service, protective services, and corrections.

H11750 LGA Dual Credit Firefighter 1
Grade(s): 11-12
Credit: 2, GPA Level 0, Campus: Denton ISD (LaGrone Academy)
Prerequisites: TSI Ready, NCTC Acceptance/Registration/Fees
Application process with LGA, please request from the counselor.
Suggested: Principles of Health Science, Principles of Law
Notes: Students pay tuition and fees to North Central Texas College (see page 23).

FIRS 1203 & FIRS 1301 & FIRS 1313 & FIRS 1319 & FIRS 1323
JUNIOR YEAR - Firefighter I introduces students to firefighter safety and development. Students will analyze Texas Commission on Fire Protection rules and regulations, proper incident reporting and records, proper use of personal protective equipment, and the principles of fire safety.

H11751 LGA Dual Credit Firefighter 2

Grade(s): 12
Credit: 2, GPA Level 0, Campus: Denton ISD (LaGrone Academy)
Prerequisites: TSI Ready, NCTC Acceptance/Registration/Fees
Application process with LGA, please request from the counselor.
Firefighter 1
Notes: Students pay tuition and fees to North Central Texas College (see page 23).

FIRS 1329 & FIRS 2188
SENIOR YEAR - Firefighter II is the second course in a series for students studying firefighter safety and development. Students will understand Texas Commission on Fire Protection rules and regulations, proper incident reporting and records, proper use of personal protective equipment, and the principles of fire safety. Students will demonstrate proper use of fire extinguishers, ground
ladders, fire hoses, and water supply apparatus systems.

Students will be provided the opportunity to earn the following certification: Basic Firefighter Certification, Basic Structure Fire Protection Certification (Texas Commission on Fire Protection (TCFP).

H1185T LGA Dual Credit Emergency Medical Technician

Grade(s): 12
Credit: 2, GPA Level 0, Campus: Denton ISD (LaGrone Academy)
Prerequisites: TSI Ready, NCTC Acceptance/Registration/Fees
Application process with LGA, please request from the counselor.
Firefighter 1
Notes: Students pay tuition and fees to North Central Texas College (see page 23).

EMSP 1160 & EMSP 1501
SENIOR YEAR – Emergency Medical Technician (EMT) – Basic instructs students to meet and exceed standard knowledge needed to be a valid EMT. The curriculum includes skills necessary for a student to provide entry level emergency medical care, life support, and ambulance service.

Students will be provided the opportunity to earn the EMT Basic Certification.

H11340 Anatomy and Physiology

Grade(s): 11-12
Credit: 1, GPA Level 1, Campus: SHS
Prerequisites: Biology and second science course

The Anatomy and Physiology course is designed for students to conduct laboratory investigations, use scientific methods, and make informed decisions using critical thinking and scientific problem solving. Students in Anatomy and Physiology will study a variety of topics including study of the cells, tissues, and organ systems of the human body. Emphasis is on understanding the physiologic mechanisms maintaining homeostasis. The dynamics of cell membranes, as well as the components and functions of the integumentary, skeletal, muscular, nervous, and endocrine systems will be studied. Through a variety of laboratory activities designed to complement lecture topics, students will have the opportunity to learn the anatomy of these organ systems and participate in activities which demonstrate key concepts associated with these organ systems.

To keep pace in the rapidly changing world, Denton ISD opened the state-of-the-art Advanced Technology Complex in 2006. It is a professional training facility to prepare high school students for today's and tomorrow's high-demand careers. In 2021 Denton Independent School District announced the expansion of this campus to include the LaGrone Academy (LGA), a high school of choice, that would sharpen the district's focus on college and career readiness. Sanger ISD students continue to be included in the opportunities that this campus has to offer. The complex's main purpose is to provide high school juniors and seniors with professional training and/or pre-college courses. Students also have the opportunity to earn university or community college credit and/or the necessary preparation to attain certifications or licenses in certain technical fields.

In order to participate in the LaGrone Academy (LGA) part time, students must complete an online application given to them by their Sanger High School counselor. Please know not all students will be accepted, as Sanger ISD is a feeder school to the LGA and must wait to see what availability they have after Denton has completed their course selection. If a student is accepted to LGA, the student will need to:

- Complete LaGrone Application with counselors during course selection
- Once approved, Complete registration to SHS and to Denton ISD during the summer,
- Pay the fees (per course),
- Be prepared to provide your own transportation to and from LaGrone throughout the year.

Classes available include the Fire Academy and EMT programs. Both of these programs are also dual credit and will require students to complete the dual credit process as well. Course descriptions for these courses can be found in the course descriptions.

There are additional fees associated with taking these courses at Lagrone, and possibly additional steps required to be a part of these two programs. You will need to complete the application process during course selection and a Lagrone counselor will reach out with more information.

Resources to Assist Students in Becoming Future Ready:

Suggested Online Resources:

General Information for College-Bound Students	www.collegexpress.com/reg/signup
General Information for College Scholarship	www. gocollege.com
General Information on SAT	www.collegeboard.org
General Information on ACT	www.actstudent.org
Complete Listing of All Universities	http://university.graduateshotline.com/
Student Athlete Eligibility (NCAA)	www.eligibilitycenter.org Free College
Scholarship and Financial Aid Searches	http://www.fastweb.com
Texas Common Application	www.applytexas.org/adappc/gen/c_start
Not sure what career fits your interests and abilities?	www.mynextmove.org
Interested in careers in the military?	www.texascareercheck.org
Paying for College:	https://studentaid.ed.gov/sa/fafsa
	www.studentaid.ed.gov
	www.collegeforalltexans.com

Portrait of a Sanger I.S.D. Graduate

The fundamental goals of the District reflect that the District's curriculum and instructional program shall enable students to be:

1. **Effective communicators** who master the skills of reading, writing, speaking, and listening necessary for daily living and for efficient functioning in a diverse and complex society.

2. **Creative problem solvers** who have the ability to comprehend and process oral, written, visual, and mathematical information to assess and resolve problems.



3. **Collaborative team members** who use leadership and group skills to establish effective, supportive, and cooperative interpersonal relationships.

4. **Technology users** who understand and apply a variety of current technologies to access information, produce products, and solve problems in their personal and professional lives.

5. **Life-long learners** who commit to the process of learning, value education in order to create a vision for their future, set priorities and goals, create options, and take responsibility for pursuing, monitoring, and evaluating their goals.

