SWEENY

INDEPENDENT SCHOOL DISTRICT

Educational Planning Guide

2021-2022

1310 N. Elm Street | Sweeny, Texas 77480

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Profile of a **LEARNER**

SWEENY
INDEPENDENT SCHOOL DISTRICT

Vision/Mission/Goals

Vision

Sweeny ISD is the District of Choice in the area, empowering all students and staff to maximize their potential.

Mission

The Sweeny Independent School District, in partnership with parents and community, will provide a quality education for all students, empowering them to pursue their full intellectual, physical, and social potential and developing them to become productive citizens in an ever-changing interdependent world.

Board of Trustee Goals

1. Continuously improve and provide a safe and secure environment for students and staff.
2. Develop and implement a comprehensive plan to meet the academic, social, and emotional needs of each student.
3. Increase the percentage of students who are college, career, or military ready through innovative programs and partnerships.
4. Develop and implement long-range facility and financial plans to meet the future needs of students.
5. Promote a supportive culture for students through parental engagement, strong community partnerships, and ongoing communication.

How to Use the Educational Planning Guide

Planning your course of study during middle and high school is an important step in planning your future. The decisions you make, along with the course of study you pursue, will affect your plans for the future, including college and career readiness.

The decisions you make now, regarding both your course selections and the activities in which you participate, will impact your options beyond high school. It is best to pursue a broad, well-rounded program of study that will prepare you for a variety of opportunities, and Sweeny ISD offers students a variety of options. You are encouraged to pursue a rigorous, challenging selection of courses best suited to your needs.

Within this book you will find a listing of courses, a guide for career planning and general information about graduation plans and school policies. Please use this guide throughout the year as a reference as you plan your coursework and your future. You have important decisions to make, please take them seriously and make them count. Your counselor is available to answer any questions or concerns you might have regarding the course planning process.

High School Students and Parents:

- □ Review the graduation requirements. Use your Skyward access to review your 4-year plan and/or transcript of the high school courses you have completed each year.
- □ Think about your plans after high school and career goals. Decide which college and/or articulated credit opportunities you might want to pursue in high school.
    - For information about:
        - Ways to potentially earn college credit see page 12.
        - Preparing for college see page 75.
        - Ways to earn high school credits outside the normal school day see page 12.
- □ Review the course designations offered on page 13.
- □ Choose courses for next year's schedule that support your 4-year plan and career goals. Be sure you have completed the prerequisite requirements for the courses you select.
- □ Complete the course selection process that was explained by your campus and submit it by the required deadline.

Graduation Requirements

Classifications of Students

Student classification is determined by the number of credits accumulated by the end of the preceding year.

To be a ninth grade student (freshman).....Completion of Eighth Grade Requirements

To be a tenth grade student (sophomore).....7 Credits Required

To be an eleventh grade student (Junior) .....15 Credits Required

To be a twelfth grade student (Senior).....23 Credits Required

Foundation Graduation Plan (available to all students) .....22 Credits Required

To Graduate with an Endorsement.....30 Credits Required

*Units of High School credit are determined by the semester average in each course attempted. The State of Texas has set 70 as a minimum-passing grade. For each semester course passed with 70 or above, the student receives 1/2 credit or more. Students earn credits annually towards graduation requirements.

Coursework

House Bill 5 (HB 5), passed by the 83rd Texas Legislature and signed by the governor in June 2013, provides for a new set of graduation plans for Texas students. These graduation plans consist of a foundation plan for every Texas student and five endorsements from which students may choose, depending on their interests. Students will complete each of these endorsements with four mathematics, four science, four English language arts, and three social studies credits. Students are also required to complete two foreign language credits other than English.

Students entering 9th Grade must choose from one of the following endorsements:

- Arts and Humanities
- Public Services
- Business and Industry
- Multidisciplinary Studies
- STEM

(For further information, see page 21)

Students may change their endorsement at any time prior to graduation; however, a delay in graduation may result. For more information, please contact your campus counselor. The Sweeny Independent School District Board of Trustees has decided that students under the Foundation Graduation Plan will be required to complete .5 credits of Professional Communication, and .5 credits of Health.

Testing

Students are now required to pass five State of Texas Assessments of Academic Readiness (STAAR®) end-of-course exams to meet the new graduation requirements:

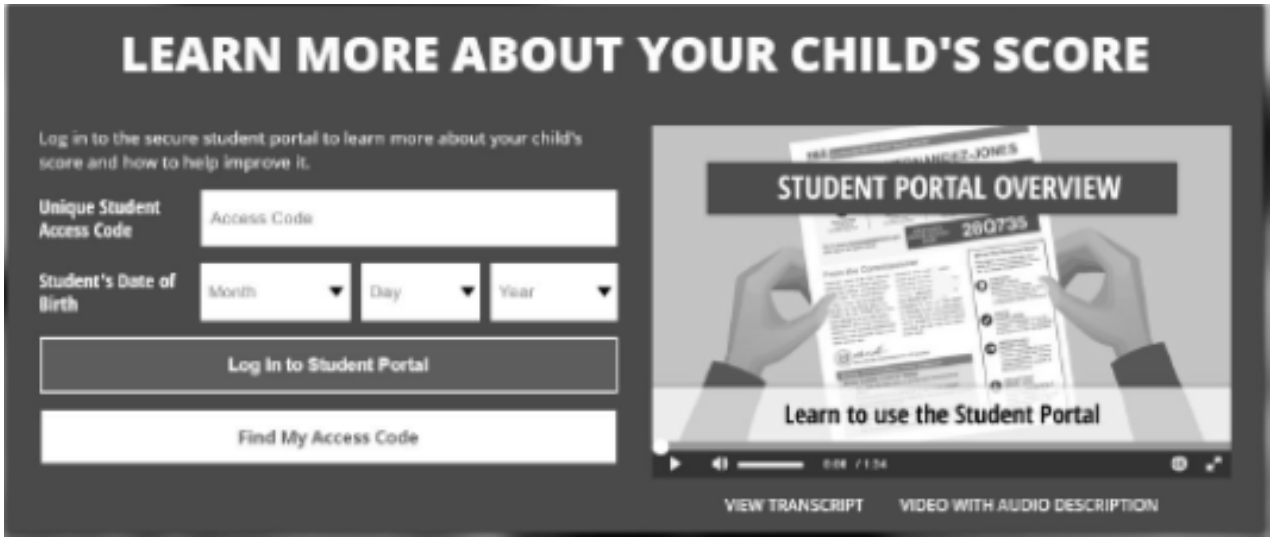
- Algebra I
- English I (Reading/Writing)
- English II (Reading/Writing)
- Biology
- US History

To graduate, a student must meet the Approaching Grade Level Standard score requirement for the EOC tests in English 1, English 2, Algebra 1, Biology, and U.S. History.

If a student does not achieve the Approaching Grade Level Standard or above on any state required EOC assessment, the student must retake the assessment until an Approaching Grade Level Standard or above is attained. A student is not required to retake a course as a condition of retaking an EOC assessment.

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

Can I see how my child has performed on previous STAAR exams?
Visit www.texasassessment.com to access the student portal and receive more information about prior student performance and ways to improve results. If you do not have your child's Unique Student Access Code, you can obtain it with the first name, social security number, and date of birth.



Advanced Academics

The Sweeny Independent School District secondary schools offer students the opportunity to participate in College Board AP and Pre-AP courses so that they may better prepare themselves for college. Because these classes are similar to college level classes, students are challenged to be more disciplined, structured and to perform at a higher academic level.

What is AP? The AP (Advanced Placement) Program is administered by the College Board. It allows students to participate in college level courses and possibly earn college credit while still attending high school. Secondary schools and colleges cooperate in this program to give students the opportunity to show mastery in college-level courses by taking Advanced Placement (AP) exams in May of each school year. Students taking an AP course are expected to take the exam at the end of the course.

What is Pre-AP (PAP)/Accelerated? The Pre-AP Program is the complementing preparatory program that is designed to provide students with the necessary skills to be successful in AP courses. In SISD these skills together with the Texas Essential Knowledge and Skills (TEKS) comprise the syllabi for Pre-AP courses.

Advanced Placement Examinations (AP) exams provide students with the opportunity to gain college credit by examination at participating universities. Information regarding the awarding of credit, can be found online at www.collegeboard.com, receiving college credit while still in high school can save thousands of dollars on college tuition and also enhance the likelihood of college success.

All Sweeny ISD students who wish to accept the academic challenge of an AP or Pre-AP/Accelerated class are welcome to participate in those programs; however, students and parents/guardians should be aware of the prerequisites required for each class. Since state testing requirements can and do change, any student, who fails to demonstrate academic readiness on course related performance assessments, including STAAR, must receive principal or designee and parent/guardian permission to enroll in the advanced class. Students and parents/guardians should be aware of the expectations and rigorous coursework for these classes so they can make informed decisions prior to making a commitment to course selections. All students considering Advanced Placement courses are encouraged to take Pre-AP and/or Accelerated classes as preparation for college level course work.

Sweeny ISD's goal is for students to be successful at the highest possible level. Pre-AP/AP/Accelerated classes in SISD stimulate and challenge motivated students to perform at an advanced academic level and are more in-depth than regular classes. These classes are more rigorous, include different types of assignments, and require additional outside reading. Resourceful, dedicated and trained Pre-AP/AP teachers work with their students to develop and apply the skills, abilities, and content knowledge that will be necessary for college. Parental support plays a key role in the success of Pre-AP/AP students; therefore, please read and note the following criteria:

Student/Parent/Guardian Responsibilities:

- Students must demonstrate academic readiness on course-related performance assessments such as STAAR.
- AP, Pre-AP and Accelerated courses require more independent work and study time per week than a regular class. Students will need to read and prepare outside of class to participate effectively in classroom discussions and activities. Maintaining excellent class attendance and managing out-of-class time effectively will be required.
- In order to be successful, students must commit to full participation and seek assistance when needed.
- Students enrolled in an AP course are expected to take the AP test at the end of the course.

Career and Technical Education

The Sweeny Independent School District does not discriminate on the basis of race, color, national origin, sex, disability or age in its CTE programs and activities. Career and Technical Education provides competency-based applied learning which contributes to academic knowledge, higher order thinking skills, problem solving skills, work attitudes, general employability skills, and occupationally-specific skills needed for success in the workplace or in post-secondary education. Various types of programs are offered including: laboratory program classes, work-based learning classes, internships, and a variety of courses centered on technology. This department is moving towards being in sync with the US/Texas labor market. The Career and Technical Education courses are generally taught as competency based, and the beginning courses survey the occupational area for the student. An occupational skill is the objective of the more advanced CTE courses. Most of the instruction is hands-on with real-life applications.

Class Ranking

Class rank indicates how a student's grades compare with those of other students in his/her class. Semester averages (not full-year averages) beginning with the ninth grade are used to compute class rank. All numeric scores for college classes, distance learning, and correspondence courses will be recorded and used to calculate the GPA (grade point average). Credit by Examination scores for which the student earns credit toward graduation will be recorded numerically and used to calculate the GPA.

Students will have a class rank based on a comparison with his/her classmates. Estimated class rank is determined for students at mid-term of their sophomore year. For juniors, class rank is determined in the summer immediately following the spring semester and again in August before they enter their senior year. Class rank for seniors is determined in January of their senior year. Another ranking shall be performed at the end of the 3rd nine weeks of the senior year to identify honor graduates (including Valedictorian and Salutatorian) for senior awards ceremonies and commencement exercises. The 3rd nine weeks ranking shall not include college courses for which the student is currently enrolled. A final calculation of GPA and class rank is determined at the completion of the senior year and after commencement exercises (including all grades earned in grades 9-12) and will be reflected on the final transcript.

Any graduating student, including registered early graduates, who earned the distinguished level of achievement under the Foundation High School Program and whose grade average is 94.0 or above will be listed as an honor graduate. Honor graduates are divided into three categories. Those with four-year averages between 98 and above are classified as Summa Cum Laude. Those with grade averages of 96 to 97.9 are classified as Magna Cum Laude. Those with grade averages of 94 to 95.9 are classified as Cum Laude.

Registered early graduates will be ranked with the class with which they graduate. Early graduates in this program may earn honor graduate status but may not displace a four-year graduate in rank. As per SISD board policy, EIC Local: Grade point average (GPA) for class rank purposes shall be calculated using all credits earned in grades 9–12. All course credits, including, but not limited to, transfer, correspondence, distance learning, credit by examination, and dual/concurrent, shall receive a numerical value for calculation purposes. GPA for class rank shall be calculated according to the Educational Planning Guide in effect for the customary four-year graduating class. The top ten percent of the graduating class shall be identified strictly on the basis of GPA. A student who transfers into the District during his or her last four semesters and meets all GPA criteria shall be included in the top ten percent of the class.

The honor of Valedictorian will be awarded to the graduate with the highest GPA. The honor of Salutatorian will be awarded to the graduate with the second highest GPA. The Valedictorian and Salutatorian must have been consecutively enrolled at the high school for the last four semesters, excluding summers.

Students who graduate in the top 10% (or based on University policy) of their high school class are eligible for automatic admission to institutions of higher education if they have completed the Recommended, Distinguished or Endorsement with Distinguished Graduation Plans. Students who may, due to university policy, be eligible for automatic admission if they are in the top 25% of their graduating class must also complete at least the Recommended, Distinguished or Endorsement with Distinguished Graduation Plans. Colleges and universities may require additional courses for admission. Students should check with the institution they are interested in attending for any additional requirements.

Course Credit Options

Students can earn a half credit for each semester course and a whole credit for a year-long course. Students traditionally earn 8 credits a year when they pass all of their courses and are not denied credit for excessive absences. Students should talk to their counselor to plan their credits. The following are ways a student can earn credits:

High School Courses: Students can earn all required graduation credits for the Foundation High School Plan + Endorsement by successfully completing required courses during the normal school day at Sweeny High School.

College Level Courses: A student may enroll in a college-level course at an accredited college or university that is not in a partnership program within the district. Awarding of credit shall be based on courses available in the Sweeny ISD Course Guide or District administrator approval.

Credit by Exam: Prior approval to take a credit by exam must be obtained through the application available in the counseling center. Only successful attempts are noted in the academic achievement record. See your counselor for further information on requirements and procedures.

- **Acceleration:** A student may earn credit for certain courses in which they have had no prior instruction by scoring a grade of 80 or above on an examination for acceleration and meeting other eligibility requirements.
- **Credit Recovery**: For courses where credit was denied because of grades or excessive absences, a student may earn credit toward graduation by scoring a grade of 70 or above on a special examination.

Dual Credit: A student may enroll in academic courses for college credit before they graduate from high school. Students receive both high school and college credit for successful completion of required courses offered through the district partnership with Brazosport College. Students enrolled in dual credit courses are expected to attend class on the scheduled days. Students must receive permission from the professor prior to missing class. There is no limit to the number of credits a student may earn in this manner. A student must:

- Obtain permission from the high school
- Enroll at Brazosport College
- Earn a grade average of 70 or above or “C” in each required course
- Meet the entrance requirements including the required TSI exam.
- Comply with the Student Code of Conduct and grading guidelines of the college

Online Learning: The Sweeny ISD Virtual Learning program is designed to address the needs of students by providing opportunities to complete foundation courses in CTE pathways, accelerate their completion of language acquisition courses, and prepare them for success in online coursework as they continue their education past high school.

Students must talk to their counselor for information regarding alternate methods of acquiring credits before signing up for any course.

Course Designations

Courses are divided into the following designations:

- **Tier I**
    - **Academic**—Academic courses provide students with the opportunity to take subjects that will promote learning in basic subject areas. These courses provide on-grade level instruction in all Texas Essential Knowledge & Skills as outlined in the state board approved well-balanced curriculum.
    - **Local Credit**—This is a course in which a student participates but may not receive state credit towards graduation
- **Tier II**
    - **Advanced** - Core, Practicum, and Languages other than English (LOTE) courses locally designated as advanced
- **Tier III**
    - **Dual Credit**—Dual credit courses provide students the opportunity to earn college credit through concurrent enrollment at a local college or university.
    - **Accelerated Courses** – Allow students the opportunity to take more rigorous coursework to increase their readiness for college and career.
    - **Pre-Advanced Placement(PAP)**—According to the College Board Advanced Placement Program, Pre-AP curriculum is one that is different in pace, depth, breadth, and/or complexity. All students are taught in accordance with the Texas Essential Knowledge and Skills.
    - **Advanced Placement (AP)**—AP courses allow students the opportunity to pursue college-level studies while still in high school. AP courses prepare students for College Board Advanced Placement Tests.

Dual Credit at Brazosport College

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

In addition, the following shall also pertain:

- Any student who receives below a 70 on a SISD or BC course the prior semester cannot register for the following semester without prior counselor approval (i.e. Student received below a 70 fall semester and will not be allowed to register for the spring semester).
- Poor attendance will result in the student having to receive approval from the campus assistant principal to register for the following semester.
- If any SISD student withdrawals from a BC course, AND DOES NOT notify their counselor within 5 days of withdrawal, then they will not be allowed to re-enroll the following semester.

Sweeny ISD will pay for up to 2 courses for both the regular fall and spring semesters for dual credit students. The student is responsible for textbook costs. Career and Technical Education (CTE) dual credit tuition is currently covered by Sweeny Independent School District. Financial aid is available through BC with the completion of the FAFSA (Free Application for Federal Student Aid).

All dual credit course grades will be recorded numerically and used in averaging the high school GPA. Selected academic dual credit courses will receive a weight of 1.10, as will all BC honors dual credit courses. To receive high school credit for a BC dual credit course, a student must earn a grade of 70 or higher. If only one of two college courses listed together (ie. ENGL 1301 and 1302) is completed; the semester grade will not be averaged with the high school course to regain credit if needed.

Students taking Dual Credit courses are still required to take and pass all required state testing as mandated by their graduation plan. For those Dual Credit courses that take the place of a STAAR EOC tested core course, students must meet performance standards on the STAAR EOC test and the final course grade will comply with STAAR EOC requirements for the substituted core subject course.

After discussing your interest to take dual credit courses with your counselor, see the dual credit counselor on your campus to enroll at BC.

Dual Credit Articulation Table

BC Course	BC Credit	BC Course Title	BC Core Area/Certificate	SHS Course Title	PEIMS	Measure/ Weighted GPA	SHS Credit
English/Language Arts *Must demonstrate college readiness in Reading & Writing as defined by Texas Administrative Code (TAC) 4.85b*							
ENGL1301 ENGL 1302	3 3	Composition & Rhetoric I Composition & Rhetoric II	Communications (010) Institutional Component Area (090)	English IV	3220400	Y	1*
ENGL1301 HUMA 1301	3 3	Composition & Rhetoric I Introduction to Humanities	Communications (010) Language, Philosophy, and Culture (040)	English IV	3220400	Y	1*
Fine Arts *Must demonstrate college readiness in Reading & Writing as defined by TAC 4.85b*							
ARTS 1301	3	Art Appreciation	Creative Arts (050)	Art I	3500100	Y	1
DRAM 1310 DRAM 1351	3 3	Introduction to Theatre Beginning Acting	Creative Arts (050) Not in Core Curriculum at BC	Theatre Arts I	3250100	Y	1*
MUSI 1306	3	Music Appreciation	Creative Arts (050)	Music Appreciation I	3155600	Y	1
MUSI 1307	3	Music Literature	Not in Core Curriculum at BC	Music Theory I	3155400	Y	1
Mathematics *Must demonstrate college readiness in Math as defined by TAC 4.85b*							
STEM Pathway							
MATH1414 MATH 2412	4 4	College Algebra for Calculus Pre Calculus @	Mathematics (020) Mathematics (020)	Precalculus	3101100	Y	1*
MATH 2413 MATH 2414	4 4	Calculus I @ Calculus II @	Mathematics (020) Mathematics (020)	Independent Study in Math II	03102501 (second time taken)	Y	1*
Business Pathway							
MATH 1324 MATH 1325	3 3	Finite Mathematics Business Calculus @	Mathematics (020) Mathematics (020)	Independent Study in Math I	03102500 (first time taken)	Y	1*
Education Pathway							
MATH 1314 MATH 1350	3 3	College Algebra Fundamentals of Math I @	Mathematics (020) Mathematics (020)	Independent Study in Math I	03102500 (first time taken)	Y	1*
Fine Arts Pathway							
MATH 1314 MATH 1342	3 3	College Algebra Statistics	Mathematics (020) Mathematics (020)	Independent Study in Math I	03102500 (first time taken)	Y	1*
Multidisciplinary Pathway							
MATH 1332	3	Quantitative Reasoning	Mathematics (020)	Adv Quantitative Reasoning	3102510	Y	1
MATH 1342	3	Statistics	Mathematics (020)	Statistics	3102530	Y	1

BC Course	BC Credit	BC Course Title	BC Core Area/Certificate	SHS Course Title	PEIMS	Measure/ Weighted GPA	SHS Credit
Science *Must demonstrate college readiness in Reading & Writing as defined by TAC 4.85b*							
BIOL 1306/1106 BIOL 1307/1107	4 4	General Biology I/ Lab General Biology II/ Lab @	Life and Physical Sciences (030) Life and Physical Sciences (030)	Scientific Research & Design II: Biology Career & Technology Education	13037210	Y	1*
BIOL 2301/2101 OR VNSG 1302	4 3	Human Anatomy & Physiology I/Lab OR Anatomy & Physiology for Allied Health	Not in Core Curriculum at BC Not in Core Curriculum at BC	Anatomy & Physiology	13020600	Y	1
Science *Must demonstrate college readiness in Reading, Writing, & Math as defined by TAC 4.85b*							
CHEM 1311/1111 CHEM 1312/1112	4 4	General Chemistry I / Lab # General Chemistry II / Lab @	Life and Physical Sciences (030) Life and Physical Sciences (030)	Scientific Research & Design I	13037200	Y	1*
CHEM 1305/1105 CTEC 1401/1401L	4 4	Introductory Chemistry with Lab # Technical Physics with Lab	Not in Core Curriculum at BC Not in Core Curriculum at BC	Scientific Research & Design: Intro Chem/ Technical Physics	13037200	Y	1*
PHYS 1301/1101 PHYS 1302/1102	4 4	College Physics I / Lab @ College Physics II / Lab @	Life and Physical Sciences (030) Life and Physical Sciences (030)	Physics	3050000	Y	1*
Social Studies *Must demonstrate college readiness in Reading, Writing, & Math as defined by TAC 4.85b*							
Business Pathway							
ECON 2301	3	Principles of Economics I	Social & Behavioral Science (080)	Economics	3310300	Y	1/2
Social Studies *Must demonstrate college readiness in Reading & Writing as defined by TAC 4.85b*							
GEOG 1303	3	World Regional Geography	Social & Behavioral Science (080)	World Geography	3320100	Y	1
GOVT 2305 GOVT 2306	3 3	Federal Government Texas Government	Government/ Political Science (070) Government/ Political Science (070)	Government	3330100 (US GOVT)	Y	.5 .5
HIST 1301 HIST 1302	3 3	US History to 1877 US History 1877 to Present	American History (060) American History (060)	Advanced Social Studies OR US History	03380001 SSADV1 03340100	Y Y	1*
PSYC 2301	3	General Psychology	Social & Behavioral Science (080)	Psychology	3350100	Y	1/2
SOCI 1301	3	Introduction to Sociology	Social & Behavioral Science (080)	Sociology	3370100	Y	1/2

BC Course	BC Credit	BC Course Title	BC Core Area/Certificate	SHS Course Title	PEIMS	Measure/ Weighted GPA	SHS Credit
Speech *Must demonstrate college readiness in Reading & Writing as defined by TAC 4.85b*							
SPCH 1315	3	Fundamentals of Speech	Communications (010)	Professional Communications	13009900	Y	1/2
Other Academic Courses *Must demonstrate college readiness in Reading & Writing as defined by TAC 4.85b*							
PSYC 1300	3	Learning Frameworks	Institutional Component Area (090)	College Readiness & Study Skills	3270100	Y	1/2
SPAN 1411	4	Beginning Spanish I	Not in Core Curriculum at BC	Spanish I	3440100	Y	1
SPAN 1412	4	Beginning Spanish II	Not in Core Curriculum at BC	Spanish II	3440200	Y	1
SPAN 2311	3	Intermediate Spanish I	Not in Core Curriculum at BC	Spanish III	3440300	Y	1
SPAN 2312	3	Intermediate Spanish II	Not in Core Curriculum at BC	Spanish IV	3440400	Y	1
ACCT 2401	4	Principles of Accounting I	Not in Core Curriculum at BC	Accounting I	13016600	Y	1
ACCT 2402	4	Principles of Accounting II	Not in Core Curriculum at BC	Accounting II	13016700	Y	1
Architecture & Construction Area **Program of Study: Drafting**							
CNBT 1300	3	Residential & Light Commercial Blueprint Reading		Principles of Architecture	13004210		1
DFTG 1305 DFTG 1309	3 3	Technical Drafting Basic Computer Aided Drafting		Architectural Design I	13004600		1
DFTG 2319 DFTG 1325	3 3	Intermediate Computer-Aided Drafting Blueprint Reading & Sketching		Architectural Design II	13004700		2
DFTG 1380 DFTG 1381	3 3	Co-op Education I - Drafting Co-op Education II - Drafting		Career Preparation I	12701305		3
Students completing CNBT 1300, DFTG 1305,1309, 2319,1380 & 1381 with a "C" or better earn a **Drafting Technology - Basic Certificate** at Brazosport College Apply at www.brazosport.edu/graduation							
Architecture & Construction Area **Program of Study: Construction Management**							
CNBT 1318	3	Construction Tools & Techniques	NCCER Core Eligible	Principles of Construction	13004220		1
CNBT 1311 ITSC 1301	3 3	Construction Methods and Materials Intro to Computers		Construction Management I	13004900		2*
CNBT 2342 CNBT 2310	3 3	Construction Management I Blueprint Reading		Construction Management II	13005000		2*

BC Course	BC Credit	BC Course Title	BC Core Area/Certificate	SHS Course Title	PEIMS	Measure/ Weighted GPA	SHS Credit
CNBT 1380 CNBT 1381	3 3	Co-op I – Construction Technology Co-op II - construction Technology		Career Preparation I	12701305		3*
Students completing CNBT 1318,1311,2342, 2310, 1380 & ITSC 1301 with a "C" or better earn an **Industrial & Commercial Construction: Construction Management - Basic Certificate** at Brazosport College Apply at www.brazosport.edu/graduation							
Architecture & Construction Area **Program of Study: Electrical**							
CNBT 1318	3	Construction Tools & Techniques	NCCER Core Eligible	Principles of Construction	13004220		1
ELPT 1319 ELPT 1329 OR ELPT 1319 ELPT 1345	3 3 3 3	Fundamentals of Electricity Residential Wiring OR Fundamentals of Electricity Commercial Wiring	ELPT 1319 & 1329 are required for NCCER Level 1 certificate eligibility (with completion of NCCER core)	Electrical Technology I	13005600		2*
ELPT 1357 ELPT 1329 OR ELPT 1357 ELPT 1345	3 3 3 3	Industrial Wiring Residential Wiring OR Industrial Wiring Commercial Wiring	ELPT 1345 & 1357 are required for NCCER Level 2 certificate eligibility (with completion of NCCER core)	Electrical Technology II	13005700		2*
ELTN 1380 ELTN 1381	3 3	Co-op I – Electrician Co-op II - Electrician		Career Preparation I	12701305		3*
Students completing ELPT 1321,1319,1329, 1345, 1357, & CNBT 1318 with a "C" or better earn an **Industrial & Commercial Electricity - Basic Certificate** at Brazosport College Apply at www.brazosport.edu/graduation							
Architecture & Construction Area **Program of Study: Heating, Ventilation, & Air Conditioning (HVAC)**							
CNBT 1318	3	Construction Tools & Techniques	NCCER Core Eligible	Principles of Construction	13004220		1
HART 1401 HART 1410	4 4	Basic Electricity for HVAC Shop Practices and Tools	HART 1401 & 1410 are 2 of 4 courses required for NCCER Level 1 certificate eligibility (with completion of NCCER Core)	HVAC & Refrigeration Tech I	13005800		1*
HART 1403 HART 1407	4 4	Air Conditioning Control Principle Refrigeration Principles	HART 1407 is 1 of 4 courses required for NCCER Level 1 certificate eligibility (with completion of NCCER Core)	HVAC & Refrigeration Tech II	13005900		2*
Students completing HART 1401,1403,1407, &1410 with a "C" or better earn a **HVAC Technology - Basic Certificate** at Brazosport College Apply at www.brazosport.edu/graduation							

BC Course	BC Credit	BC Course Title	BC Core Area/Certificate	SHS Course Title	PEIMS	Measure/ Weighted GPA	SHS Credit
Architecture & Construction Area Program of Study: Pipefitting							
CNBT 1318	3	Construction Tools & Techniques	NCCER Core Eligible	Principles of Construction	13004220		1
PFPB 1305 PFPB 1308	3 3	Basic Blueprint Reading for Pipefitters Basic Pipefitting Skills	PFPB 1308 is required for NCCER Level 1 certificate eligibility (with completion of NCCER Core)	Pipefitting Technology I	N1300425		1*
PFPB 2310 PFPB 2307	3 3	Inter. Blueprint Reading for Pipefitters Pipe Fabrication & Installation I		Pipefitting Technology II	N1300426		1*
PFPB 1380 PFPB 1381	3 3	Cooperative Education I – Pipefitter Cooperative Education II – Pipefitter		Career Preparation I	412701305		3*
Students completing CNBT 1318, PFPB 1305,1308, 2310, 2307, & 1380 with a "C" or better earn a **Pipefitting (General) - Basic Certificate** at Brazosport College Apply at www.brazosport.edu/graduation							
Business, Marketing, Finance Program of Study: Accounting							
BMGT 1327 MRKG 1311	3 3	Principles of Management Principles of Marketing		Principles of Business, Marketing, & Finance	13011200		1*
ACNT 1303 (CTE) **OR** ACCT 2401 (Academic)	3 3	Intro to Accounting I (office) **OR** Principles of Accounting I		Accounting I	13016600		1
ACNT 1325 (CTE) **OR** ACCT 2402 (Academic)	3 3	Principles of Accounting (office) **OR** Principles of Accounting II		Accounting II	13016700		1
POFI 1380 POFI 1381	3 3	Co - Op Education I - Business/ Office Automation/ Tech Co - Op Education II - Business/ Office Automation/ Tech		Career Preparation I	12701305		3*
Business, Marketing, Finance Program of Study: Business Management							
BMGT 1327 MRKG 1311	3 3	Principles of Management Principles of Marketing		Principles of Business, Marketing, & Finance	13011200		1*
ITSC 1301 (CTE) **OR** BCIS 1405 (Academic)	3 4	Intro to Computers Business Computer Applications		Business Information Management (BIM) I	13011400		1

BC Course	BC Credit	BC Course Title	BC Core Area/Certificate	SHS Course Title	PEIMS	Measure/ Weighted GPA	SHS Credit
POFT 2312 POFT 1328	3 3	Business Correspondence & Comm Business & Professional Presentations		Business Information Management (BIM) II/Lab	13011510		2*
POFI 1380 POFI 1381	3 3	Co - Op Education I - Business/ Office Automation/ Tech Co - Op Education II - Business/ Office Automation/ Tech		Career Preparation I	12701305		3*
Energy Program of Study: Oil & Gas Exploration and Production							
INTC 1401	4	Principles of Industrial Measurements I		Manufacturing Engineering Technology I Instrumentation Pathway - S1	13032900		1
PTAC 1410	4	Process Technology - Equipment I		Oil & Gas Production Systems I Instrumentation Pathway - S2	13001250		1
INTC 1441	4	Principles of Automatic Control		Digital Electronics Instrumentation Pathway - S3	13037600		1
INTC 1315	3	Final Control Systems		AC/DC Electronics Instrumentation Pathway - S4	13036800		1
Energy Program of Study: Refining & Chemical Processes							
PTAC 1302	3	Introduction to Process Technology		Intro to Process Technology Process Tech Pathway - S1	13040502		1
PTAC 1410	4	Process Technology - Equipment I		Oil & Gas Production Systems I Process Tech Pathway - S2	13001250		1
PTAC 1432	4	Process Instrumentation		Oil & Gas Production Systems II Process Tech Pathway - S3	13001260		1
PTAC 1308	3	Safety, Health, & Environment		Petrochemical Safety, Health, & Environment Process Tech Pathway - S4	13040504		1
Information Technology Program of Study: Networking Systems							
ITSC 1301	3	Introduction to Computers		Principles of Information Technology	13027200		1
ITSC 1305	3	PC Operating Systems		Computer Science I	3580200		1
ITNW 1325	3	Fundamentals of Network Tech		Networking	13027400		1

BC Course	BC Credit	BC Course Title	BC Core Area/Certificate	SHS Course Title	PEIMS	Measure/ Weighted GPA	SHS Credit
Information Technology Program of Study: Web Development							
ITSC 1301	3	Introduction to Computers		Principles of Information Technology	13027200		1
ITSE 1313 ITSE 1332	3 3	Internet/Web Page Development Intro to Visual Basic Programming		Web Technologies	13027900		1*
IMED 1316	3	Web Design I	Microsoft Technology Associate (for Exam 98-383) AND WOW Certified Web Designer (CWDSA)	Web Design	3580820		1
Manufacturing Program of Study: Manufacturing Technology							
MCHN 1302	3	Print Reading for Machining Trades		Blueprint Reading for Manufacturing Applications	N1303684		1
MCHN 1343	3	Machine Shop Mathematics		Diversified Manufacturing I	13032650		1
MCHN 1338 MCHN 1341 OR MCHN 1325 MCHN 1329	3 3 OR 3 3	Basic Machine Shop I Basic Machine Shop II OR Millwright I Millwright II	MCHN 1325 is required for NCCER Level 1 certificate eligibility (with completion of NCCER Core)	Precision Metal Manufacturing I	13032500		2*
MCHN 1352 MCHN 1354 OR MCHN 2305 MCHN 2307	3 3 OR 3 3	Intermediate Machining I Intermediate Machining II OR Millwright III Millwright IV		Precision Metal Manufacturing II/Lab	13032610		3*
MCHN 1380 MCHN 1381	3 3	Co-op Education I - Machinist Technology Co-op Education II - Machinist Technology		Practicum in Manufacturing	13033005		3*
Students completing MCHN 1302, 1338, 1341, 1343,1352,1354,1380 & 1381 with a "C" or better earn a **Machine Technology: Machinist Specialty - Basic Certificate** at Brazosport College Apply at www.brazosport.edu/graduation							
Manufacturing Program of Study: Welding							
WLDG 1428 WLDG 2443	4 4	Intro to Shielded Metal Arc Welding (SMAW) Adv Shielded Metal Arc Welding (SMAW)	WLDG 1428 & 2443 are 2 of 3 courses required for NCCER Level 1 certificate eligibility (with completion of NCCER Core)	Welding I	13032300		2
WLDG 2406 WLDG 2447	4 4	Int Pipe Welding Adv Gas Metal Arc Welding (GMAW)	WLDG 2406 is 1 of 3 courses required for NCCER Level 1 certificate eligibility (with completion of NCCER Core)	Welding II Welding II Lab	13032410		2 1

BC Course	BC Credit	BC Course Title	BC Core Area/Certificate	SHS Course Title	PEIMS	Measure/ Weighted GPA	SHS Credit
WLDG 1280 WLDG 1281	2 2	Co-op Education I - Welding Tech Co-op Education II - Welding Tech		Career Preparation I	12701305		3*
Students completing WLDG 1428,2443,2406, & 2447 with a "C" or better earn a **Welding - Basic Certificate** at Brazosport College Apply at www.brazosport.edu/graduation							
Transportation, Distribution, & Logistics Program of Study: Automotive							
AUMT 1405 AUMT 1410	4 4	Intro to Automotive Technology Automotive Brake Systems	Successful completion of AUMT 1405 earns: SP2 Mechanical Certification Safety Pollution Prevention Cert	Automotive Technology I Automotive Chassis Track - SO	13039600		2*
AUMT 1407 AUMT 1416	4 4	Automotive Electrical Systems Automotive Suspension & Steering Systems		Automotive Technology II/Lab Automotive Chassis Track - JR	13039710		3*
AUMT 1380 AUMT 1381	3 3	Co-op Education I - Automotive Co-op Education II - Automotive		Practicum in Transportation Systems Automotive Chassis Track - SR	13040450		2*
Students completing AUMT 1405,1407,1410 & 1416 with a "C" or better earn an **Automotive Technology - Basic Certificate** at Brazosport College Apply at www.brazosport.edu/graduation							

Dual Enrollment UT OnRamps

As dual enrollment students, enrollees earn two (2) separate grades, one for high school and one for college, which allows them the ability to choose whether or not to accept the college-level grade at the end of each semester, with no impact on their high school grade. The OnRamps program offers students the extraordinary opportunity to experience a four-year university class while still in high school in a low risk environment. Enrollment in the class and the credits earned are free to Sweeny High School students.

Elective

A course that a student elects or chooses to take although the course is not specifically required.

Endorsement

For students who begin 9th grade in 2014-2015 and thereafter, prior to entering 9th grade, students are required to declare a chosen program of study, or endorsement, which will help in guiding course elective choices throughout high school. Students may earn a single endorsement, or multiple endorsements in the areas of: Arts and Humanities, Business and Industry, Multidisciplinary Studies, Public Service, or STEM (Science, Technology, Engineering, & Math). Students wishing to change their declared endorsement must follow the Sweeny ISD process and should see their assigned counselor. Students may not change their endorsement choice after the 10th grade year.

Enrollment

A student enrolling in the district for the first time must be accompanied by his/her parents or legal guardian and must provide satisfactory evidence of required immunization, proof of residency (utility bill or lease agreement), and a withdrawal form from the previous school. To complete admission the following demographic information is necessary: social security number, home address, home phone, mother's name, place of business and work phone, father's name, place of business and work phone, also a friend or relative's name and number in case of emergency is required. Proof of residency will be required every year. An email address will assist in communication between home and school

Exemptions

GPA Exemption Option

Sweeny ISD strives to encourage students to pursue their areas of special talents and interests to enrich their academic achievement. To encourage students to maintain their participation in these classes, the District allows juniors and seniors to participate in the third and fourth years of some courses on a GPA-Exempt basis. To qualify for the GPA Exemption, the students must have an overall "A" average for the course for which the student is seeking a waiver. They also must have already taken the first two years of this particular course sequence at the high school campus. All students must meet the prerequisites of each course and have parent, teacher, and counselor approval.

1. **Students who elect this option must complete an application and return it to the counselor's office by the end of the third week of each semester**. Students enrolled in a full-year course do not need to reapply during the second semester.
2. Students **may take only one (1) course in their Junior or Senior year** on a GPA-Exempt basis.
3. If a student chooses not to exempt a course their junior year, they may be granted two exemptions in their senior year.
4. The student's intent to take a course on the GPA-exempt basis option must be declared within the first three weeks of each semester. This decision is final and cannot be rescinded.
5. The numerical grade earned on a GPA-exempt course shall be posted on the transcript with no grade points.
6. The courses will still fall under the no-pass-no-play guidelines.

Areas allowed for a GPA exemption under this policy include:

- Band, Color Guard, Winter Guard
- Orchestra
- Theater
- Choir
- Athletics, Cheer, Drill Team
- Art

Advanced Classes for No Pass No Play Exemptions

The following advanced courses are eligible for exemption for extracurricular activity participation:

- All College Board Advanced Placement Courses in all disciplines.
- Dual Credit Courses.

Regulations which relate to UIL and all other extracurricular activities sponsored or sanctioned by the school district are located at www.uiltexas.org.

Foundation High School Program (FHSP) + Endorsement

FOUNDATION HIGH SCHOOL PROGRAM (FHSP) The 22-credit Foundation is required for all endorsements	
ENGLISH Must consist of English I, II, III (ESOL I and ESOL II may be substituted for English I and II for students with limited English proficiency), and an additional/advanced English course	4
MATHEMATICS Must include Algebra I, Geometry, and an additional/advanced math course beyond Algebra I	3
SCIENCE Must include Biology, one credit selected from IPC, Chemistry, or Physics, and one additional/advanced, lab-based science course	3
SOCIAL STUDIES Must include World Geography or World History, US History, one-half credit Government, and one-half credit Economics	3
LANGUAGES OTHER THAN ENGLISH Must consist of 2 levels in the same language	2
FINE ARTS Choir, Band, Orchestra, Dance, Art, Theatre Arts, AP Music Theory or Principles & Elements of Floral Design	1
PHYSICAL EDUCATION May include Athletics or PE (up to 4 credits). Foundations of Personal Fitness, fall semesters of Marching Band or Color Guard or the first year of Cheerleading	1
ELECTIVES	5
TOTAL FHSP CREDITS	22

ADDITIONAL REQUIREMENTS FOR ENDORSEMENT	
MATHEMATICS ALGEBRA II or other advanced math credit dependent on endorsement	1
SCIENCE	1
ADDITIONAL ELECTIVES Electives must be chosen from the five endorsement categories of STEM, Business & Industry, Arts & Humanities, Public Services, and/or Multidisciplinary Studies	2
TOTAL CREDITS: FHSP + ENDORSEMENT	30

STATE ASSESSMENT PERFORMANCE

In addition to the credit requirements as listed, students must meet passing standards on the following End of Course Exams: English I, English II, Algebra I, Biology and Unites States History.

ENDORSEMENTS

All students will begin on the Multidisciplinary Endorsement. Students will be permitted to change their endorsement with written notification.

There are 5 endorsement options, which allow students flexibility based on individual interests and career goals. Each endorsement is designed to prepare students to successfully enter postsecondary education or the workforce upon graduation from high school.

- **MULTIDISCIPLINARY STUDIES**- Allows a student to complete prescribed courses from each of the four foundation subject areas, advanced placement courses from four foundation subject areas or four advanced courses from within one endorsement area or among endorsement areas not in a coherent sequence.
- **ARTS & HUMANITIES**- Art, Music, Theatre, Social Studies, Languages other than English
- **BUSINESS & INDUSTRY**- Agriculture, Food and Natural Resources, Arts, A/V Technology and Communications, Business, Information Technology, Manufacturing
- **PUBLIC SERVICES**- Health Science
- **STEM**- Science, including computer science, Technology, Engineering and Mathematics (Algebra II, Chemistry and Physics are required for the STEM endorsement).

Specific requirements for each endorsement were adopted by the State Board of Education on January 31, 2014

RECOGNITIONS

Students have the opportunity to earn additional recognitions in the following areas:

DISTINGUISHED LEVEL OF ACHIEVEMENT

A student may earn a distinguished level of achievement by successfully completing all curriculum requirements for the Foundation High School Program, plus each of the following:

- a fourth credit in mathematics, which must include Algebra II,
- a fourth credit in science,
- the requirements of at least one endorsement

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

PERFORMANCE ACKNOWLEDGEMENTS

A student may earn a performance acknowledgement in one or more of the following categories"

- AP test score of 3 or above,
- Outstanding performance on the PSAT, the SAT or the ACT,
- Completion of at least 12 hours of college coursework with final grades of A or B (3.0 or above),
- Bilingualism and biliteracy
- Earning a nationally or internationally recognized business or industry certification or license

Grades Weighted for Determining GPA

The following table represents SISD's current weighted grades. A grading index factor of 1.05 or 1.10 is applied to the original semester grade (refer to the table of weighted grades), as per SISD District policy EIC local. Only semester grades are weighted. Our school district has adopted the following procedure since the State Board of Education has mandated that grades in excess of 100 cannot be reported. Grades earned in Accelerated, Pre-AP, AP, and Dual Credit courses will be reported on report cards to parents/guardians without the weighted factor added. However, separate records that reflect the factored semester grade will be maintained by the registrar for class rank, grade point average, and for all other programs using GPA (i.e. National Honor Society). Dual Credit courses are offered through Brazosport College (BC).

Sweeny High School Weighted Courses for Determining GPA

	Course		2021 + Weight
Fine Arts	BAND 3 HONORS	Honors	1
	BAND 4 HONORS	Honors	1
	CHORALE 3 HONORS	Honors	1
	CHORALE 4 HONORS	Honors	1
	MUS APPRECIATION- DUAL BC	DC	1.1
	ONE ACT PLAY 3 HONORS	Honors	1
	ONE ACT PLAY 4 HONORS	Honors	1
	TH ARTS 3 HONORS	Honors	1
	TH ARTS 4 HONORS	Honors	1
CTE	MILLWRIGHT 1	DC	1.1
	MILLWRIGHT 2	DC	1.1
	INSTRUMENTATION 1	DC	1.1
	INSTRUMENTATION 2	DC	1.1
	INSTRUMENTATION 3	DC	1.1
	INSTRUMENTATION 4	DC	1.1
	PROCESS TECH 1	DC	1.1
	PROCESS TECH 2	DC	1.1
	PROCESS TECH 3	DC	1.1
	PROCESS TECH 4	DC	1.1
	WELDING 1	DC	1.1
	WELDING 2	DC	1.1
	AGRICULTURE PRACT	ADV	1.05
	AGRICULTURE PRACT 2	ADV	1.05
	BUSINESS MGT PRACT	ADV	1.05
	CAREER PREP	ADV	1.05
	AUDIO/VISUAL W/LAB	ADV	1.05
	GRAPHIC DESIGN W/LAB	ADV	1.05
	HEALTH SCIENCE PRACT	ADV	1.05
	ENGINEERING DESIGN & PRES	ADV	1.05
	PRINCIPLES OF INFO TECH	DC	1.1
	NETWORKING	DC	1.1
	SCIENTIFIC RES. & DESIGN I	DC	1.1
	Accelerated	ACC	
	Advanced	ADV	
	Dual Credit	DC	
	Dual Enrollment	DE	
	Honors	Honors	
	Pre Advanced Placement	PAP	

	Course		2021 + Weight
English	ENGLISH 1 PreAP	PAP	1.1
	ENGLISH 2 PreAP	PAP	1.1
	ENGLISH 3 Accelerated	ACC	1.1
	ENGLISH 3 AP LAN	AP	1.1
	ENGLISH 4 AP LIT	AP	1.1
	ENGLISH 4 DUAL BC	DC	1.1
	ENGLISH 4 DUAL ENR.- UTOR	DE	1.1
	HUMANITIES- DUAL BC	DC	1.1
Lang	AM SIGN LANGUAGE 3 HONORS	ADV	1.05
	AM SIGN LANGUAGE 4 HONORS	ADV	1.05
	SPANISH 3 Accelerated (Online)	ACC	1.1
	Spanish 4 AP (Online)	AP	1.1
	ALGEBRA 1 Accelerated	ACC	1.1
	ALGEBRA 2 Accelerated	ACC	1.1
	AP CALCULUS	AP	1.1
	COLLEGE PREP	ADV	1.05
	GEOMETRY Accelerated	ACC	1.1
	PRE CALCULUS	ADV	1.05
	PRE CALCULUS Accelerated	ACC	1.1
	STATISTICS DUAL	DC	1.1
	ADV QUANTITATIVE REASONING DUAL	DC	1.1
Other	COLLEGE SPEECH	DC	1.1
	COMP SCI DUAL ENR.- UTOR	DE	1.1
	LEARNING FRAMEWORKS- DUAL BC	DC	1.1
Science	BIOLOGY AP	AP	1.1
	BIOLOGY 1 PreAP	PAP	1.1
	CHEMISTRY- DUAL BC	DC	1.1
	CHEMISTRY Accelerated	ACC	1.1
	PHYSICS Accelerated	ACC	1.1
Social Studies	W GEOGRAPHY Accelerated	ACC	1.1
	WORLD HISTORY Accelerated	ACC	1.1
	US HISTORY Accelerated	ACC	1.1
	US HISTORY DUAL	DC	1.1
	US GOVT-DUAL	DC	1.1
	ECONOMICS Accelerated	ACC	1.1
	PSYCHOLOGY DUAL	DC	1.1
	SOCIOLOGY DUAL	DC	1.1

Grade Reporting

A student must be present 90% of the days in each class during a semester. Numerical scores are used to report grades and a minimum grade average of 70 is required for receiving credit. Credit for a full year course is awarded on a semester-by-semester basis. Other courses offered locally, which are not among the state approved courses for grades 9-12 are not included in calculating grade point averages and class rank.

Graduation Options for Students with Disabilities

Students with disabilities earn the same diploma as all students. The ARD committee determines:

- Course of Study
- Appropriate Supports for Each Course (Accommodations/Modifications)
- Least Restrictive Environment for each Course
- Appropriate assessment based on what's available and eligibility/participation requirements
- If the student will be required to pass the state assessment (all required EOCs) in order to graduate

These ARD committee determinations lead decision making about graduation for students with disabilities, based on the requirements and options available as outlined in the Commissioner's Rules Concerning Special Education Services-Graduation Requirements (TAC §89.1070) and the Individual Graduation Committee (SB 149).

Physical Education

One credit of P.E. is required of all students for graduation; however up to 4 credits may be earned. The following activities may be substituted for the one credit of required P.E.:

- Athletics (up to 4 credits)
- Sports without an athletic period with a minimum participation of two years
- Band during fall semester (maximum of 1 credit)
- Cheerleading (maximum of 1 credit)
- Drill Team (maximum of 1 credit)

Prerequisites

A requirement that must be met in order to qualify to take a specific course. Some courses have recommended prerequisites that would best prepare a student for the next level of course. Prerequisites are listed for each course described.

Schedule Changes

Master schedules are developed in the spring prior to the upcoming year. Selections during registration indicate how many teachers and sections will be needed for a course. The process allows administrators to plan and to hire for optimum academic strength. When students are permitted to randomly change schedules, classes become overcrowded. As a result, all students are affected. Even the most effective planning is compromised. Very seldom does a one-course change affect only one course. Careful selection benefits everyone. Thank you for being a crucial part of our educational team as we work together for academic excellence.

Registration

- Parent and student informational meetings will be held during spring registration.
- Students will be guided through course selection during online registration.
- Students who do not complete online registration will have a schedule arranged for them by their counselor according to their academic needs and/or graduation plan.

Add/Drop Date

- March 19, 2021 will officially end the opportunity for schedule changes.
- Only schedule changes pertaining to graduation plans and/or computer errors will be addressed during the following school year.
- A student who does not complete online registration by the add/drop date will not be eligible for a schedule change.

Schedule Change Committee Process

- The Schedule Change Committee is chaired by the assistant principal and is composed of the student, the parent/guardian, the teacher whose class the student is requesting to exit, and the student's counselor
- Schedule changes that are requested after the add/drop date and that affect AP, Pre-AP, and online classes only will be addressed through the Schedule Change Committee process.
- Schedule change requests will not be considered after the last day in April. Every effort is made to save a student's schedule.

To request a Schedule Change Committee a student and parent must:	
1	Conference with the teacher about the course.
2	Submit written request form to the counseling office.
A student can request a Committee until:	
	Seven weeks from the first day of the class.

Every effort is made to save a student's schedule. There may be instances where an administrative change is required.

Semester

This is an 18-week segment of the 9-month school year. Two semesters make up the school year with credits being earned at the end of each semester.

Student Athletes

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, Division II, and Division III sports can be found on the NCAA website at www.eligibilitycenter.org. Students should list the NCAA Clearinghouse site (9999) on the score reporting section of the registration form. When taking the SAT/ACT, fee waivers are available; see your counselor for details. Students wanting to participate in Division I or Division II sports should start the certification process at the website as early as spring of sophomore year.

Students wanting to participate in Division III sports or who are undecided should create a profile page on the website. 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.

Student athletes should work with their campus counselor to enroll in courses that will count toward NCAA core course eligibility. Students should be aware that online courses (such as Edgenuity), credit recovery courses, correspondence courses, and credit by exam may not count toward core course eligibility for NCAA.

Testing

Advanced Placement Examinations (AP: These exams provide students with the opportunities to gain college credit by examination at participating universities. Information regarding the awarding of credit, can be found online at www.collegeboard.com *Students should contact their college of choice regarding required placement exams. Students that take an AP course are expected to take the AP exam.

ASVAB: The Armed Services Vocational Aptitude Battery is available to students in grades 10-12. It measures aptitudes and abilities and relates them to specific occupations in civilian and military life. Students are strongly encouraged to take this test to help them make wise career choices.

STAAR EOC:

State Assessment Requirements	Students will be required to take the State of Texas Assessments of Academic Readiness (STAAR) end of course (EOC) exam corresponding to designated courses. There are 5 STAAR EOC exams aligning to designated courses. Students are required to perform satisfactorily on each state required exam.			
What courses have STAAR EOCs?	English I English II	Algebra 1	Biology	US History
What are the STAAR EOC Performance Standards?	<u>Passing Performance Standards:</u> Approaches Grade Level Meets Grade Level Masters Grade Level --- <u>Non-passing Performance Standards:</u> Does Not Meet Grade Level			
When will students take initial attempt of EOC exams?	STAAR EOC English I and II administered in early April. Each English exam consists of a reading and writing component combined on to one exam. STAAR EOC Algebra I, Biology, and US History is administered in early May.			
When are the STAAR EOC retest opportunities offered?	STAAR EOC retest will be offered three times a year, once in the fall, spring, and summer.			

College Entrance Exams: Since college entrance exams are required, the student planning to go to college is encouraged to take the following tests: (It is recommended that English III and Algebra 2 be completed before taking any college entrance exam).

- <u>National Merit Scholarship Qualifying Test (PSAT-NMSQT):</u> This test is designed to aid sophomores and juniors in estimating their ability to do college level work and to guide them in making college plans. Industries and universities for scholarship purposes sometimes use the PSAT scores. National Merit Scholarship recipients are determined from the scores acquired from the PSAT taken during their junior year. This test is given in October each year.
- <u>ACT and/or SAT:</u> The ACT and/or SAT exams are a system for testing prospective college students for the purpose of admission and counseling. The student should find out which test is required or preferred by the institution. These tests are administered several times during the year at various locations. Each of these tests has a required fee that must be paid at the time of registration. Registration information is available online at www.collegeboard.com or www.act.org. *Students should contact their college of choice regarding required exams.
- <u>TSI Assessment (TSIA)</u>:The TSI (Texas Success Initiative) is a program designed to help colleges and universities in Texas determine if a student is ready for college-level course work in the general areas of reading, writing, and mathematics. Incoming college students in Texas are required to take the TSIA, unless exempt, to determine college level readiness. Based on TSIA performance, a student may be placed in a developmental course or intervention to improve skills and prepare for success in college course. The TSIA has a Pre-Assessment activity component designed by the college or university and is mandatory. Students are not allowed to take the TSIA until this activity has been completed.

It is possible for a student to earn an exemption from the TSI Assessment. Exemption criteria are listed below:

- ACT-Composite score of 23 with a minimum of 19 on the English and/or Mathematics test; or
- SAT-Combined verbal and mathematics score of 1070 with a minimum of 500 on the verbal and/or the mathematics test.

Transfer Students

Out of state transfer students must complete all state and local graduation requirements to be eligible for a Texas diploma. Incoming transfer credits toward graduation will be accepted from accredited public schools and from private or parochial schools accredited by an association recognized by the Texas Commissioner of Education.

Career and Technical Education (CTE) Career Pathways

PURPOSE

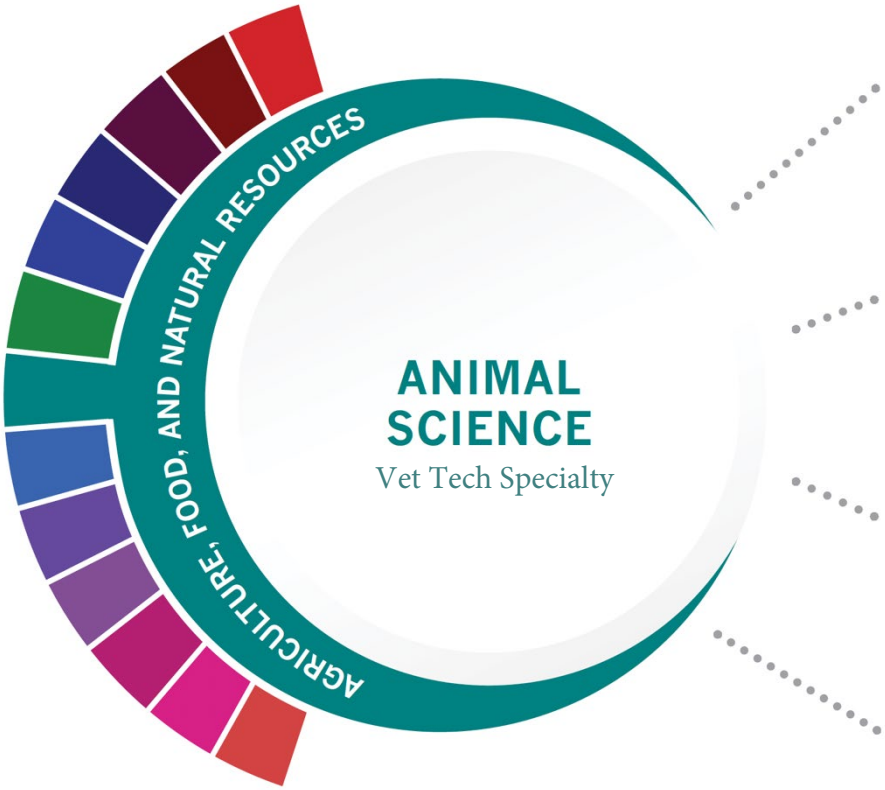
The purpose of the Career and Technical Education Department is to recognize the needs of a diverse student population and to assist students in gaining skills to become competitive, independent, productive citizens in a global economy.

Students will be given opportunities to maximize their fullest potential through quality instruction linked to business and industry, career guidance, and active student leadership organizations. The goal of the Career and Technical programs in the Sweeny ISD is to have all students' master basic skills through rigorous technical education, which will enable them to:

- Manage the responsibilities of both family member and wage earner.
- Gain entry-level employment in a high-skill, high-wage job and/or to continue their post-secondary education.

VISION

The vision of Sweeny ISD is to have a rigorous Career and Technical Education program that prepares and equips students with industry certifications based upon community needs and to provide students with skills to either begin high-skilled, high-wage earning careers or continue their post-secondary education.



Level 1	Principles of Agriculture, Food, and Natural Resources
Level 2	Small Animal Management Equine Science or Livestock Production L3
Level 3	Veterinary Medical Applications L4
Level 4	Advanced Animal Science and Practicum in Agriculture, Food, and Natural Resources (2CR)

HIGH SCHOOL/ INDUSTRY CERTIFICATION	CERTIFICATE/ LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/ DOCTORAL PROFESSIONAL DEGREE
Licensed Veterinary Technician	Pet Groomer	Food Science and Technology	Animal Sciences	Genetics
Feedyard Technician in Cattle Care and Handling	Veterinary Technician	Veterinary Studies	Agriculture	Veterinary Medicine
Certified Veterinary Assistant	Licensed Breeder	Biotechnology Laboratory Technician	Biology	Biological and Physical Sciences
		Biology Technician	Zoology/ Animal Biology	Biological and Biomedical Sciences

Additional industry-based certification information is available on the TEA CTE website. For more information on postsecondary options for this program of study, visit TXCTE.org.

Occupations	Median Wage	Annual Openings	% Growth
Animal Breeders	$39,135	28	9%
Animal Scientists	$57,533	22	12%
Medical Scientists	$63,898	435	27%
Veterinarians	$93,496	294	24%
Zoologists and Wildlife Biologists	$67,309	45	32%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

Exploration Activities:	Work Based Learning Activities:
Texas FFA	Agri-Science Fair 4H Volunteer at a local farm or veterinary office FFA Supervised Agriculture Experience (SAE)

The Animal Science program of study focuses on the science, research, and business of animals and other living organisms. It teaches CTE learners how to apply biology and life science to real-world life processes of animals and wildlife, either in laboratories or in the field, which could include a veterinary office, a farm or ranch, or any outdoor area harboring animal life. Students may also research and analyze the growth and destruction of species and research or diagnose diseases and injuries of animals.

The Agriculture, Food, and Natural Resources (AFNR) Career Cluster focuses on the essential elements of life—food, water, land, and air. This career cluster includes a diverse spectrum of occupations, ranging from farmer, rancher, and veterinarian to geologist, land conservationist, and florist. It also includes non-traditional agricultural occupations like wind energy, solar energy, and oil and gas production.

Successful completion of the Animal Science program of study will fulfill requirements of a Business and Industry endorsement or STEM endorsement if the math and science requirements are met. Revised - July 2020

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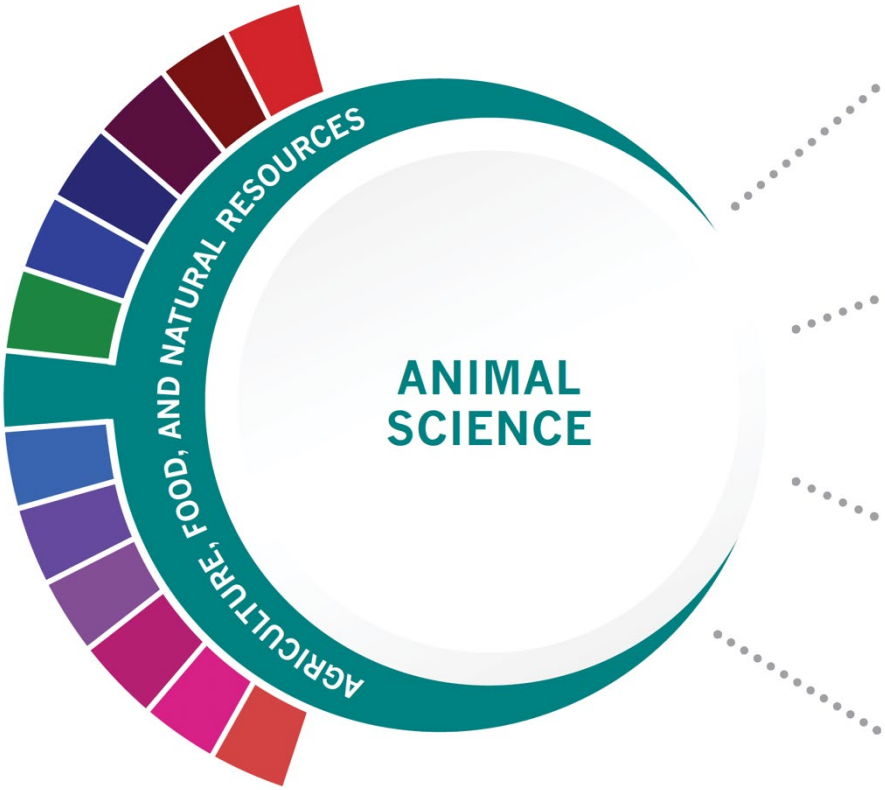

Level 1	Principles of Agriculture, Food, and Natural Resources
Level 2	Small Animal Management/ Equine Science
Level 3	Livestock Production
Level 4	Advanced Animal Science or Practicum in Agriculture, Food, and Natural Resources (2CR)

HIGH SCHOOL/ INDUSTRY CERTIFICATION	CERTIFICATE/ LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/ DOCTORAL PROFESSIONAL DEGREE
Licensed Veterinary Technician	Pet Groomer	Food Science and Technology	Animal Sciences	Genetics
Feedyard Technician in Cattle Care and Handling	Veterinary Technician	Veterinary Studies	Agriculture	Veterinary Medicine
Certified Veterinary Assistant	Licensed Breeder	Biotechnology Laboratory Technician	Biology	Biological and Physical Sciences
		Biology Technician	Zoology/ Animal Biology	Biological and Biomedical Sciences

Additional industry-based certification information is available on the TEA CTE website. For more information on postsecondary options for this program of study, visit TXCTE.org.

Occupations	Median Wage	Annual Openings	% Growth
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Veterinarians	$93,496	294	24%
Zoologists and Wildlife Biologists	$67,309	45	32%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

Exploration Activities:	Work Based Learning Activities:
Texas FFA	Agri-Science Fair 4H Volunteer at a local farm or veterinary office FFA Supervised Agriculture Experience (SAE)

The Animal Science program of study focuses on the science, research, and business of animals and other living organisms. It teaches CTE learners how to apply biology and life science to real-world life processes of animals and wildlife, either in laboratories or in the field, which could include a veterinary office, a farm or ranch, or any outdoor area harboring animal life. Students may also research and analyze the growth and destruction of species and research or diagnose diseases and injuries of animals.

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Successful completion of the Animal Science program of study will fulfill requirements of a Business and Industry endorsement or STEM endorsement if the math and science requirements are met. Revised - July 2020

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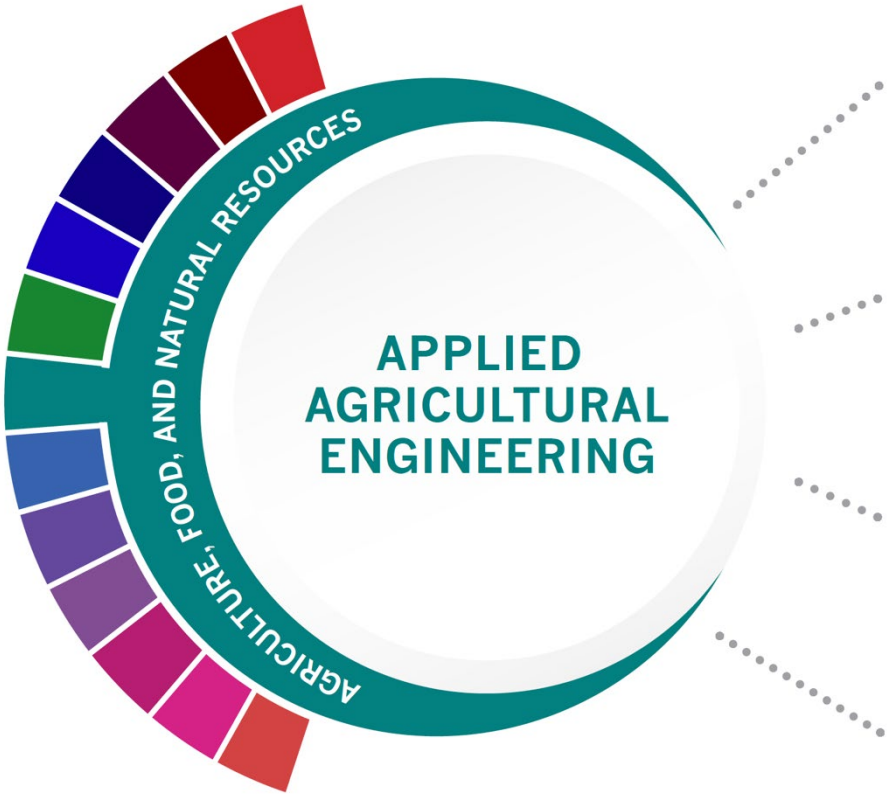

Level 1	Principles of Agriculture, Food, and Natural Resources
Level 2	Agricultural Mechanics and Metal Technologies
Level 3	Agricultural Structures Design and Fabrications
Level 4	Practicum in Agriculture, Food, and Natural Resources (2CR)

HIGH SCHOOL/ INDUSTRY CERTIFICATION	CERTIFICATE/ LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/ DOCTORAL PROFESSIONAL DEGREE
OSHA 30 Hour General Industry	Certified Professional Agronomist	Heavy Equipment Maintenance Technology/ Technician	Agricultural Engineering	Agricultural Engineering
Feedyard Technician in Machinery, Operation, Repair and Maintenance	Certified Reliability Engineer	Agricultural Mechanization, General	Agricultural Mechanization, General	Agricultural Mechanization, General
AWS SENSE Welding Level 1	Certified Irrigation Designer	Small Engine Mechanics and Repair Technology/ Technician		
AWS D1.1 or D9.1 Certification	Fluid Power Mobile Hydraulic Mechanic	Welding Technology/ Welder		

Additional industry-based certification information is available on the TEA CTE website. For more information on postsecondary options for this program of study, visit TXCTE.org.

Occupations	Median Wage	Annual Openings	% Growth
Outdoor Power Equipment and Other Small Engine Mechanics	$32,406	366	16%
Welders	$41,350	6,171	9%
Farm Equipment Mechanics and Service Technicians	$39,915	304	17%
Mobile Heavy Equipment Mechanics	$47,299	1,627	16%
Agricultural Engineers	$64,792	9	13%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

Exploration Activities:	Work Based Learning Activities:
Tour a farm products or machinery plant Texas FFA	Earn a welding certification Intern at a farm products or machinery plant FFA Supervised Agriculture Experience (SAE)

The Applied Agricultural Engineering program of study explores the occupations and educational opportunities associated with applying knowledge of engineering technology and biological science to agricultural problems concerned with power and machinery, electrification, structures, soil and water conservation, and processing agricultural products. This program of study may also include exploration into diagnosing, repairing, or overhauling farm machinery and vehicles, such as tractors, harvesters, dairy equipment, and irrigation systems.

The Agriculture, Food, and Natural Resources (AFNR) Career Cluster focuses on the essential elements of life—food, water, land, and air. This career cluster includes a diverse spectrum of occupations, ranging from farmer, rancher, and veterinarian to geologist, land conservationist, and florist. It also includes non-traditional agricultural occupations like wind energy, solar energy, and oil and gas production.

Successful completion of the Applied Agricultural Engineering program of study will fulfill requirements of a Business and Industry endorsement or STEM endorsement if the math and science requirements are met. Revised - July 2020

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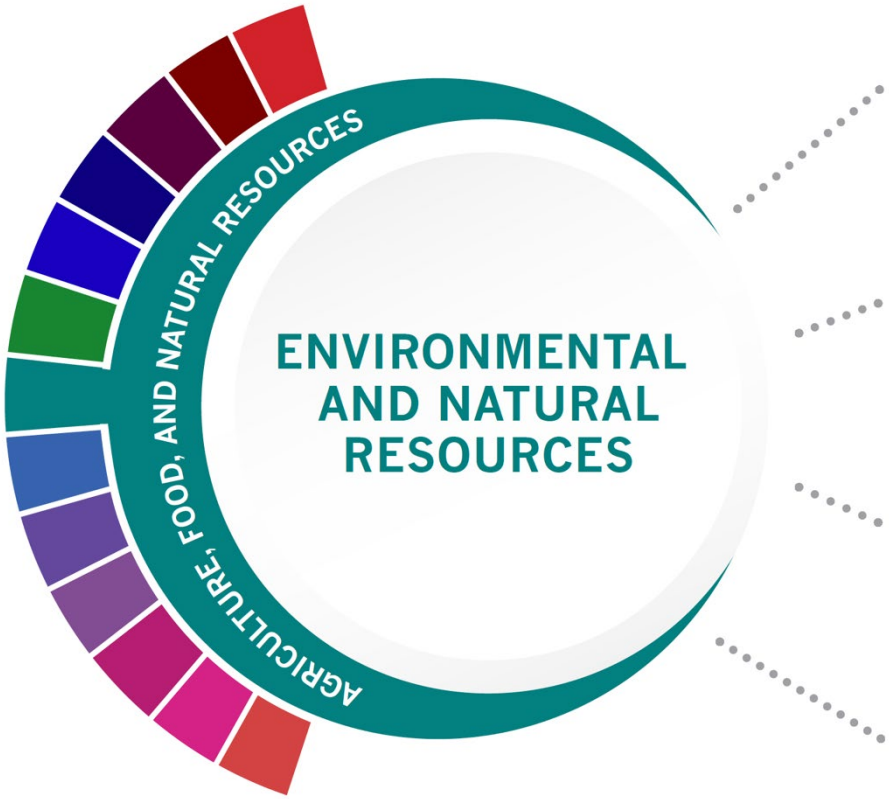

Level 1	Principles of Agriculture, Food, and Natural Resources
Level 2	Wildlife, Fisheries, and Ecology Management
Level 3	Energy and Natural Resources Technology
Level 4	Practicum in Agriculture, Food, and Natural Resources (2CR)

HIGH SCHOOL/ INDUSTRY CERTIFICATION	CERTIFICATE/ LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/ DOCTORAL PROFESSIONAL DEGREE
Wastewater Collections, Class 1	Board Certified Environmental Engineer - Hazardous Waste Management	Environmental Science	Environmental Science	Environmental Science
Water Operators, Class D	Certified Water Technologist	Environmental Studies	Environmental/ Environmental Health Engineering	Environmental/ Environmental Health Engineering
OSHA Hazardous Waste Operations and Emergency Response	Certified Environmental Scientist	Wildlife, Fish, and Woodlands Science and Management	Wildlife, Fish, and Woodlands Science and Management	Wildlife, Fish, and Woodlands Science and Management
	Certified in Public Health	Environmental Engineering Technology/ Environmental Technology	Natural Resources Law Enforcement and Protective Services	Fishing and Fisheries Science and Management

Additional industry-based certification information is available on the TEA CTE website. For more information on postsecondary options for this program of study, visit TXCTE.org.

Occupations	Median Wage	Annual Openings	% Growth
Environmental Engineering Technicians	$53,352	101	32%
Environmental Engineers	$86,757	288	25%
Environmental Science and Protection Technicians, Including Health	$40,268	508	17%
Environmental Scientists and Specialists, Including Health	$77,896	644	24%
Zoologists and Wildlife Biologists	$67,309	45	32%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

Exploration Activities:	Work Based Learning Activities:
Attend summer leadership events Texas FFA	Intern at a waste treatment plant FFA Supervised Agriculture Experience (SAE)

The Environmental and Natural Resources program of study explores the occupations and educational opportunities associated with the research, design, and planning of engineering or technical duties in the prevention and control of environmental hazards. This program of study may also include exploration into conducting research for the purpose of identifying, abating, or eliminating sources of pollutants or hazards that affect either the environment or the health of the population.

The Agriculture, Food, and Natural Resources (AFNR) Career Cluster focuses on the essential elements of life—food, water, land, and air. This career cluster includes a diverse spectrum of occupations, ranging from farmer, rancher, and veterinarian to geologist, land conservationist, and florist. It also includes non-traditional agricultural occupations like wind energy, solar energy, and oil and gas production.

Successful completion of the Environmental and Natural Resources program of study will fulfill requirements of the Business and Industry Endorsement. Revised - July 2020

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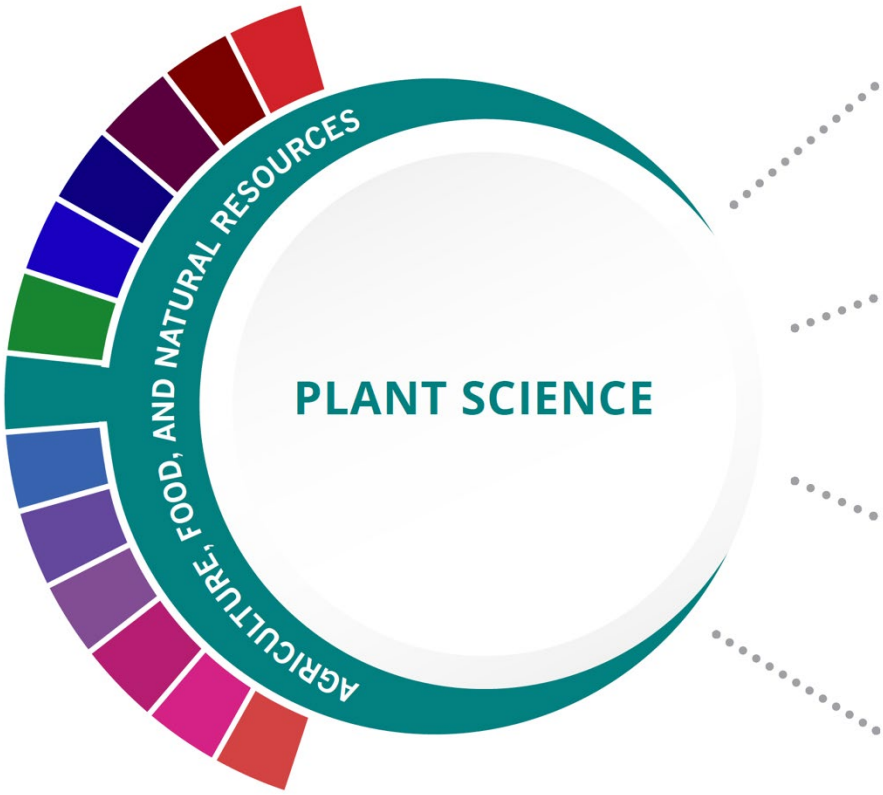


Level 1	Principles of Agriculture, Food, and Natural Resources
Level 2	Floral Design L3
Level 3	Advanced Floral Design L4
Level 4	Practicum in Agriculture, Food, and Natural Resources (2CR)

HIGH SCHOOL/ INDUSTRY CERTIFICATION	CERTIFICATE/ LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/ DOCTORAL PROFESSIONAL DEGREE
Landscape Irrigation Technician License	Pesticide Applicator	Applied Horticulture/ Horticulture Operations, General	Applied Horticulture/ Horticulture Operations, General	Applied Horticulture/ Horticulture Operations, General
Commercial/ Noncommercial Pesticide Applicator	Certified Floral Designer	Ornamental Horticulture	Agronomy and Crop Science	Agronomy and Crop Science
Texas State Floral Association Level One Floral Certification	Accredited Member of AIFD	Agricultural Business and Management, General	Agricultural Business and Management, General	Agricultural Business and Management, General
Texas State Floral Association Level Two Floral Certification	Landscape Industry Certified Technician	Turf and Turfgrass Management	Turf and Turfgrass Management	Farm/Farm and Ranch Management

Additional industry-based certification information is available on the TEA CTE website. For more information on postsecondary options for this program of study, visit TXCTE.org.

Occupations	Median Wage	Annual Openings	% Growth
Soil and Plant Scientists	$54,662	116	21%
Tree Trimmers and Pruners	$32,240	589	14%
Pesticide Handlers, Sprayers, and Applicators	$36,733	196	22%
Landscaping Supervisors	$44,408	807	19%
Biological Technicians	$42,931	452	17%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

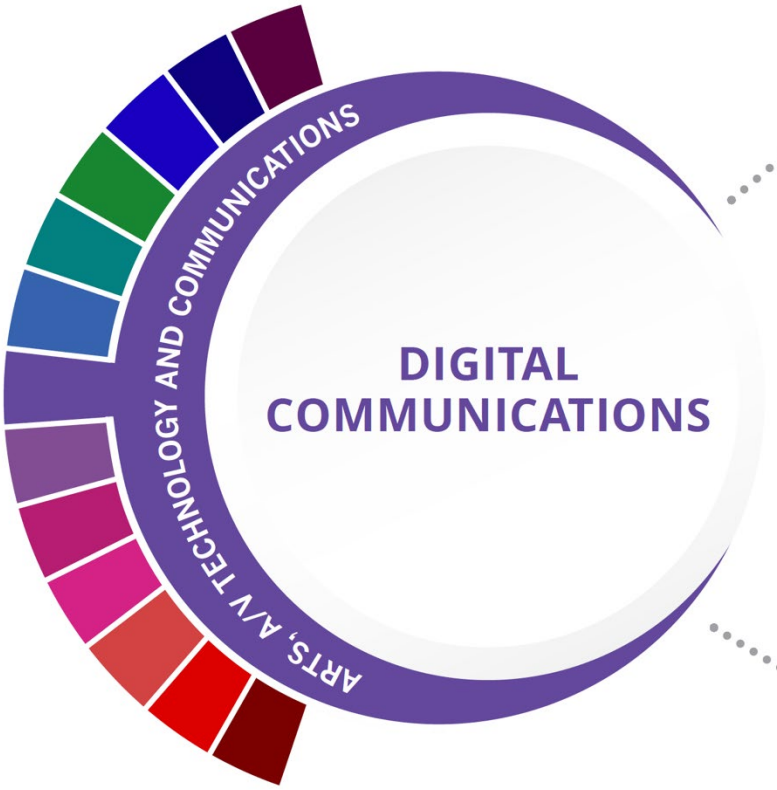
Exploration Activities:	Work Based Learning Activities:
Texas FFA	Work part-time at a florist; start or work for a local landscaping business FFA Supervised Agriculture Experience (SAE)

The Plant Science program of study focuses on the science, research, and business of plants and other living organisms. It teaches students how to apply biology and life science to real-world life processes of plants and vegetation, either in laboratories or in the field.

The Agriculture, Food, and Natural Resources (AFNR) Career Cluster focuses on the essential elements of life—food, water, land, and air. This career cluster includes a diverse spectrum of occupations, ranging from farmer, rancher, and veterinarian to geologist, land conservationist, and florist. It also includes non-traditional agricultural occupations like wind energy, solar energy, and oil and gas production.

Successful completion of the Plant Science program of study will fulfill requirements of a Business and Industry endorsement or STEM endorsement if the math and science requirements are met. Revised - July 2020

TEA Texas Education Agency



Level 1	Principles of Information Technology (SISD Prerequisite outside TEA POS)
Level 2	Audio/Video Production I
Level 3	Audio Video Production II/Lab (2CR)
Level 4	Practicum of Audio/ Video Production (2CR)

HIGH SCHOOL/ INDUSTRY CERTIFICATION	CERTIFICATE/ LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/ DOCTORAL PROFESSIONAL DEGREE
Apple Final Cut Pro X	Certified Video Engineer	Recording Arts Technology/ Technician	Recording Arts Technology/ Technician	Communications Technology/ Technician
Apple Logic Pro X	Commercial Audio Technician	Cinematography and Film/ Video Production	Cinematography and Film/ Video Production	Cinematography and Film/ Video Production
Adobe Certified Associate Premiere Pro	Certified AM Directional Specialist	Radio and Television Broadcasting Technology/ Technician	Radio and Television	Radio and Television
Adobe Certified Associate Certifications	Certified Broadcast Radio Engineer	Music Technology	Agricultural Communication/ Journalism	Agricultural Communication/ Journalism

Additional industry-based certification information is available on the TEA CTE website. For more information on postsecondary options for this program of study, visit TXCTE.org.

Occupations	Median Wage	Annual Openings	% Growth
Sound Engineering Technicians	$39,562	79	27%
Camera Operators, Television, Video and Motion Picture	$50,024	129	9%
Audio and Video Equipment Technicians	$40,581	757	29%
Film and Video Editors	$47,382	118	23%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

Exploration Activities:	Work Based Learning Activities:
Shadow a production team Participate in SkillsUSA or TSA	Intern at a local television station or video production company Work with a local company on a project

The Digital Communications program of study explores the occupations and educational opportunities associated with the production of audio and visual media formats for various purposes, such as TV broadcasts, advertising, video production, or motion pictures. This program of study may also include exploration into operating machines and equipment to record sound and images, such as microphones, sound speakers, video screens, projectors, video monitors, sound and mixing boards, and related electronic equipment.

The Arts, A/V Technology and Communications (AAVTC) Career Cluster focuses on careers in designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services. Careers in the AAVTC career cluster require a creative aptitude, a strong background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication.

Successful completion of the Digital Communications program of study will fulfill requirements of the Business and Industry Endorsement. Revised - July 2020

TEA Texas Education Agency

Level 1	Principles of Information Technology (SISD Prerequisite outside TEA POS)
Level 2	Business Information Management I L1
Level 3	Business Information Management II L2
Level 4	Practicum in Business Management (2CR) or Career Preparation I (2CR)

HIGH SCHOOL/ INDUSTRY CERTIFICATION	CERTIFICATE / LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/ DOCTORAL PROFESSIONAL DEGREE
Microsoft Office Specialist or Expert- Excel	Certified Records Manager	Business Administration	Business Administration	Business Administration
Microsoft Office Specialist or Expert - Word	Certified Facility Manager	Business/ Commerce	Business/ Commerce	Business Management
Google Cloud Certified Professional – G-Suite	Certified Commercial Contracts Manager	Public Administration	Public Administration	Public Administration
Certified Associate in Project Management	Teradata 14 Basics/ Certified Technical Specialist	Business Management	Management Science	Management Science

Additional industry-based certification information is available on the TEA CTE website. For more information on postsecondary options for this program of study, visit TXCTE.org.

Occupations	Median Wage	Annual Openings	% Growth
Administrative Service Managers	$96,138	2,277	21%
Management Analysts	$87,651	4,706	32%
General and Operations Managers	$107,640	18,679	20%
Operations Research Analysts	$78,083	1,128	38%
Supervisors of Administrative Support Workers	$57,616	14,982	20%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

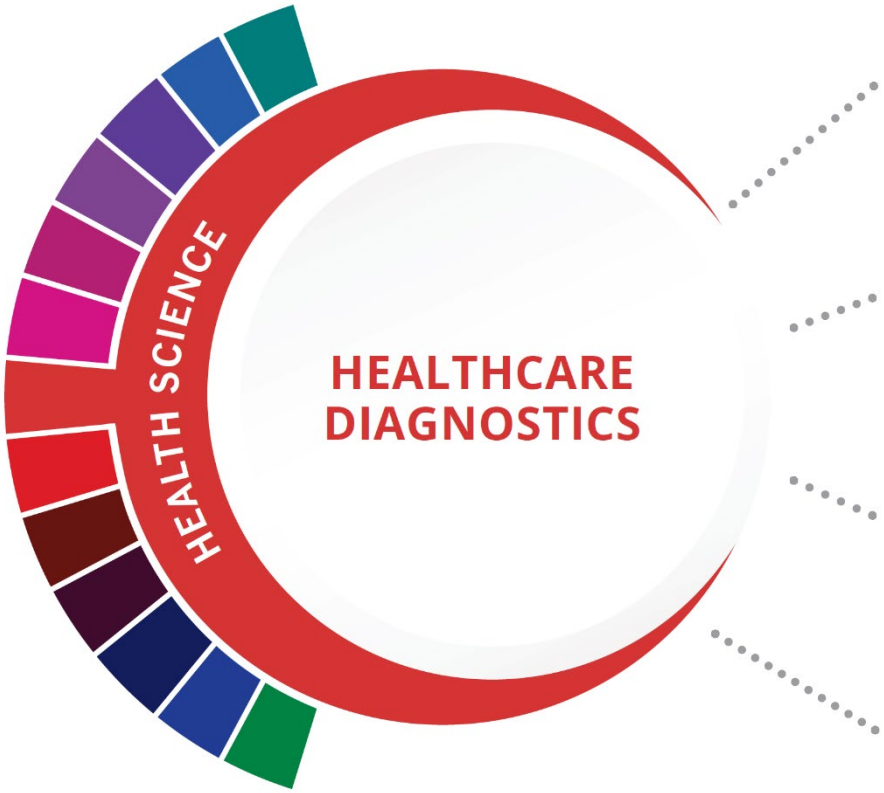
Exploration Activities:	Work Based Learning Activities:
Business Professional of America (BPA), Future Business Leaders of America (FBLA), and DECA	Internship with local business or chamber of commerce

The Business Management program of study teaches CTE learners how to plan, direct, and coordinate the administrative services and operations of an organization. Through this program of study, students will learn the skills necessary to formulate policies, manage daily operations, and allocate the use of materials and human resources. This program of study will also introduce students to mathematical modeling tools and organizational evaluation methods

The Business, Marketing, and Finance Career Cluster focuses on careers in planning, organizing, directing, and evaluating business functions essential to efficient and productive business operations.

Successful completion of the Business Management program of study will fulfill requirements of the Business and Industry Endorsement. Revised - July 2020

Texas Education Agency



Level 1	Principles of Health Science
Level 2	Medical Terminology
Level 3	Health Science Theory
Level 4	Anatomy and Physiology L3 or Practicum in Health Science (2CR)

HIGH SCHOOL/ INDUSTRY CERTIFICATION	CERTIFICATE/ LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/ DOCTORAL PROFESSIONAL DEGREE
Limited Licensed Radiology Technologist	Medical Sonographer	Nuclear Medical Technology/ Technologist	Nuclear Medical Technology/ Technologist	Radiologist
EKG/ECG Technician	Radiologic Technologist	Magnetic Resonance Imaging (MRI) Technology/ Technician	Medical Radiologic Technology/ Science Radiation Therapist	Radiologic Technology/ Science - Radiographer
Medical Laboratory Technician				
Phlebotomy Technician				

Additional industry-based certification information is available on the TEA CTE website. For more information on postsecondary options for this program of study, visit TXCTE.org.

Occupations	Median Wage	Annual Openings	% Growth
Diagnostic Medical Sonographers	$69,909	495	35%
Phlebotomists	$30,597	1442	36%
Nuclear Medicine Technologists	$75,962	91	13%
Radiologic Technologists	$55,494	1196	19%
Magnetic Resonance Imagine Technologists	$68,661	217	21%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

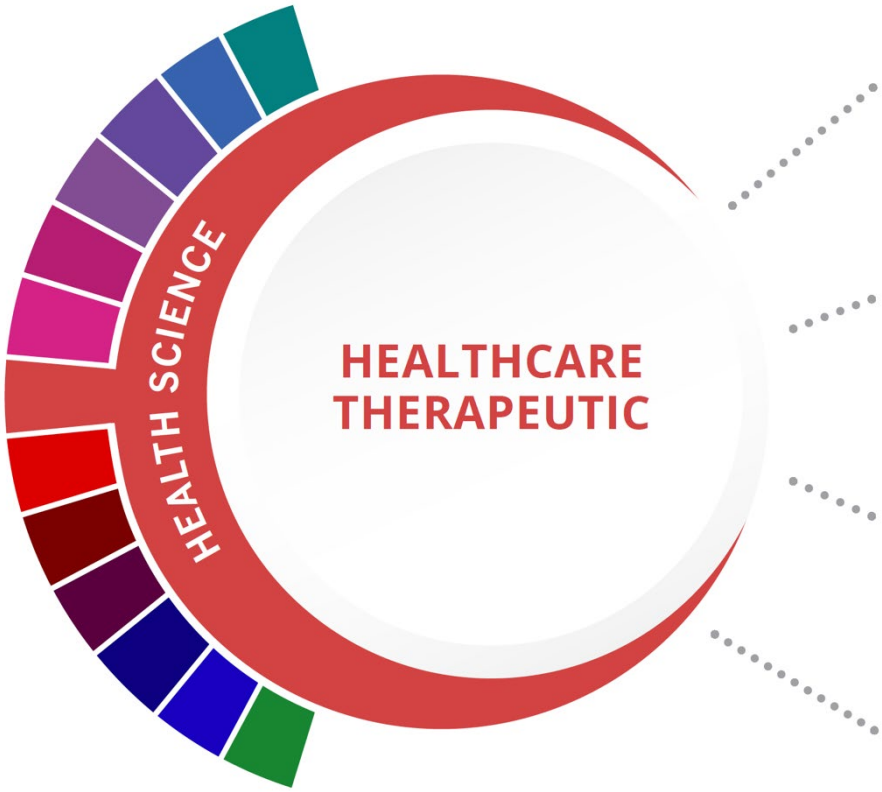
Exploration Activities:	Work Based Learning Activities:
Health Occupation Students of America (HOSA)	Clinical rotations at a community wellness center, hospital, assisted living, nursing home

The Healthcare Diagnostics program of study introduces students to occupations and education opportunities related to performing complex medical laboratory tests for the diagnosis, treatment, and prevention of disease. This program of study may also include exploration into the opportunities associated with blood laboratories as well as radiologic technology and ultrasound technology.

The Health Science Career Cluster focuses on planning, managing, and providing therapeutic services, diagnostics services, health informatics, support services, and biotechnology research and development. To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, communicate effectively, and work well with others.

Successful completion of the Healthcare Diagnostics program of study will fulfill requirements of the Public Service or STEM Endorsement if the math and science requirements are met. Revised- July 2020

Texas Education Agency



Level 1	Principles of Health Science
Level 2	Medical Terminology
Level 3	Health Science Theory/Health Science Clinical
Level 4	Anatomy and Physiology L3 or Practicum in Health Science (2CR)

HIGH SCHOOL/ INDUSTRY CERTIFICATION	CERTIFICATE/ LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/ DOCTORAL PROFESSIONAL DEGREE
Registered Dental Assistant	Dental Assistant	Dental Hygienist	Dental Hygienist	Dentist
Certified Patient Care Technician	Surgical Technologist	Medical/ Clinical Assistant		Physician Assistant
Certified Nurse Aide/Assistant	Medical Assistant			Family and General Practitioners
Pharmacy Technician	Pharmacy Aides			Pharmacist

Additional industry-based certification information is available on the TEA CTE website. For more information on postsecondary options for this program of study, visit TXCTE.org.

Occupations	Median Wage	Annual Openings	% Growth
Medical Assistants	$29,598	8,862	30%
Surgical Technologists	$45,032	1,150	20%
Dental Hygienists	$73,507	1,353	38%
Physicians and Surgeons	$213,071	1,151	30%
Dental Assistants	$34,840	4,422	31%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

Exploration Activities:	Work Based Learning Activities:
SkillsUSA Health Occupation Students of America (HOSA)	Volunteer at a community wellness center, hospital, assisted living, or nursing home.

The Healthcare Therapeutic program of study introduces students to occupations and educational opportunities related to diagnosing and treating acute, episodic, or chronic illness independently or as part of a healthcare team. This program of study also includes an introduction to the opportunities associated with providing treatment and counsel to patients as well as rehabilitative programs that help build or restore daily living skills to persons with disabilities or developmental delays.

The Health Science Career Cluster focuses on planning, managing, and providing therapeutic services, diagnostics services, health informatics, support services, and biotechnology research and development. To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, communicate effectively, and work well with others.

Successful completion of the Healthcare Therapeutic program of study will fulfill requirements of a Public Service endorsement or STEM endorsement if the math and science requirements are met. Revised - July 2020

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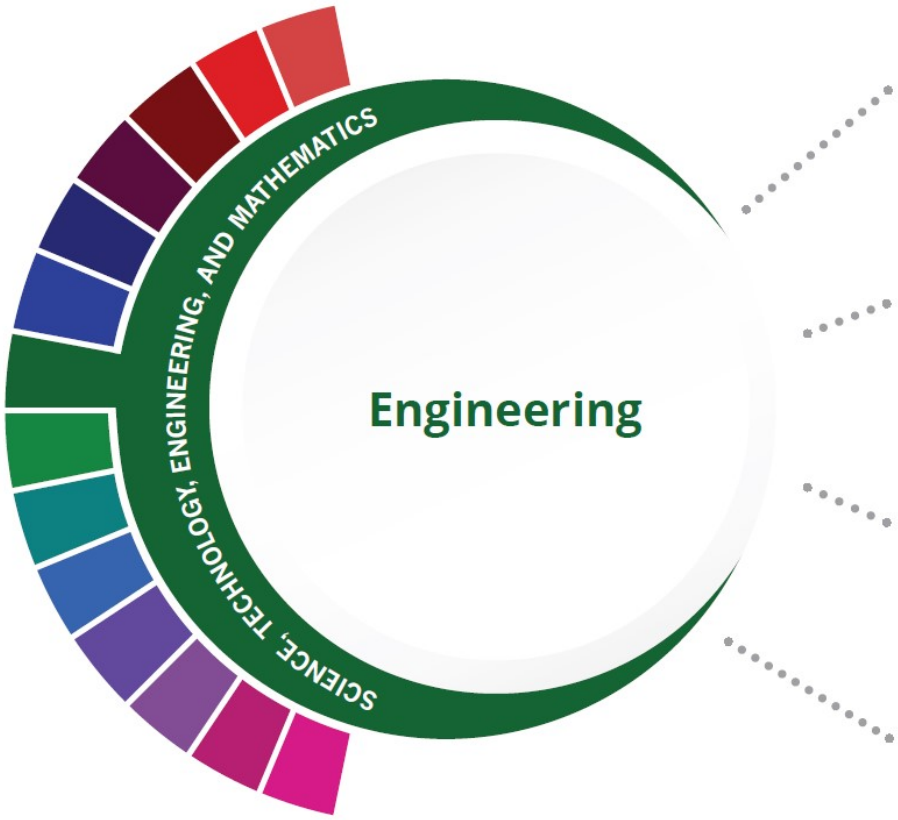

Level 1	Principles of Applied Engineering or Principles of Information Technology (SISD Prerequisite outside TEA POS)
Level 2	Engineering Design and Presentation I
Level 3	Engineering Design and Presentation II L4 (2CR)
Level 4	Practicum in STEM (2CR) or Scientific Research and Design (Dual Chemistry)

HIGH SCHOOL/ INDUSTRY CERTIFICATION	CERTIFICATE/ LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/ DOCTORAL PROFESSIONAL DEGREE
Autodesk Certified Professional or User (ACU)-Inventor	Engineer, Professional	Electrical and Electronics Engineering	Electrical and Electronics Engineering	Electrical and Electronics Engineering
Certified SolidWorks Associate (CSWA)	Fluid Power Systems Designer	Drafting and Design Technology/ Technician, General	CAD/CADD Drafting and/or Design Technology/ Technician	Mechanical Engineering
Certified Engineering Technician-Audio Systems	Certified Biomedical Auditor	Engineering Technology	Bioengineering and Biomedical Engineering	Bioengineering and Biomedical Engineering
	Certified Cost Estimator/ Analyst		Construction Engineering Technology/ Technician	

Additional industry-based certification information is available on the TEA CTE website. For more information on postsecondary options for this program of study, visit TXCTE.org.

Occupations	Median Wage	Annual Openings	% Growth
Aerospace Engineers	$110,843	481	9%
Industrial Engineers	$97,074	1,263	10%
Mechanical Engineers	$91,107	1,535	11%
Chemical Engineers	$112,819	474	9%
Electrical Engineers	$98,405	1,137	10%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

Exploration Activities:	Work Based Learning Activities:
Participate in competitions like Skills USA	Engineering internship Job shadow a machinist

The Engineering program of study focuses on the design, development, and use of engines, machines, and structures. CTE learners will learn how to apply science, mathematical methods, and empirical evidence to the innovation, design, construction, operation, and maintenance of different manufacturing systems.

The Science, Technology, Engineering, and Mathematics (STEM) Career Cluster focuses on planning, managing, and providing, scientific research and professional and technical services, including laboratory and testing services, and research and development services.

Successful completion of the Engineering program of study will fulfill requirements of the Business and Industry or STEM endorsement if the math and science requirements are met. Revised - July 2020

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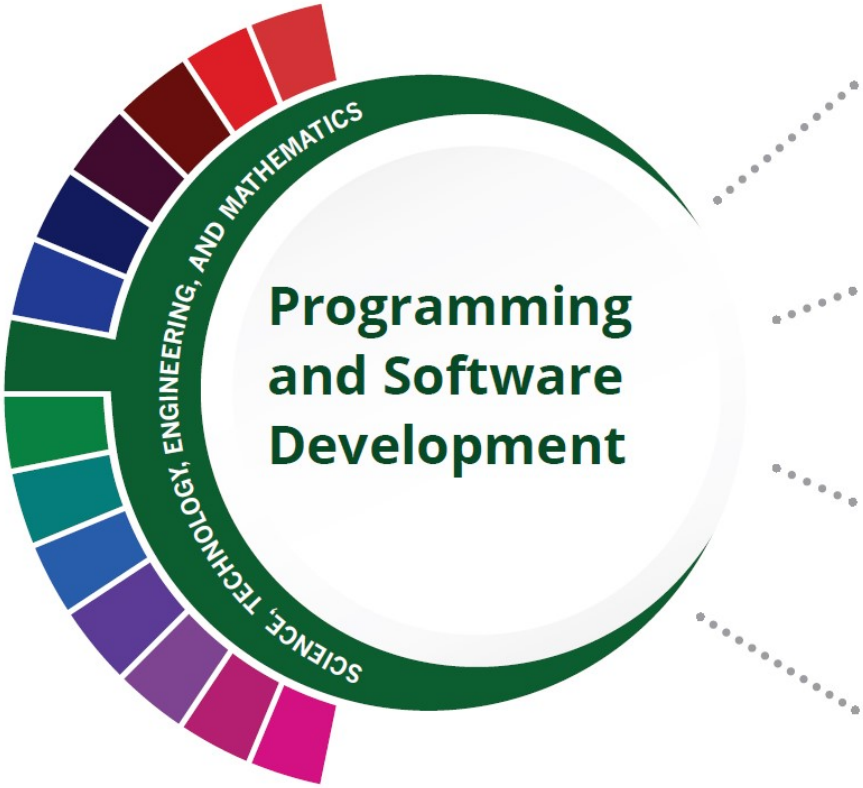


Programming and Software Development

Level 1	Fundamentals of Computer Science
Level 2	Computer Science I
Level 3	Computer Science II
Level 4	Practicum in S.T.E.M. (2CR) Career Preparation (2CR)

HIGH SCHOOL/ INDUSTRY CERTIFICATION	CERTIFICATE/ LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/ DOCTORAL PROFESSIONAL DEGREE
Oracle Certified Association JAVA SE 8 Programmer	Certified Computing Professional	Computer Programming/ Programmer Genera	Management Information Systems, General	Computer Software Engineer
Oracle Certified Database Associate	Cloud Technology Associate Certification	Computer Software Engineer	Computer Software Engineer	Computer Science
Microsoft Technology Associate, Introduction to Programming Using Python, HTML or CSS	AEM 6 Developer	Computer Science	Computer Science	Information Science/ Studies
Microsoft Technology Associate, Introduction to Programming Using Java or Java Script	Certified Software Analyst	Certified Software Analyst	Information Science/ Studies	

Additional industry-based certification information is available on the TEA CTE website. For more information on postsecondary options for this program of study, visit TXCTE.org.

Occupations	Median Wage	Annual Openings	% Growth
Software Developer, Systems Software	$103,334	2,985	25%
Software Developers, Applications	$104,499	6,311	30%
Computer Programmers	$79,893	1,454	9%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

Exploration Activities:	Work Based Learning Activities:
Join TSA Participate in coding club at school	Obtain an industry-based certification.

The Programming and Software Development program of study explores the occupations and education opportunities associated with researching, designing, developing, and testing operating systems-level software, compilers, and network distribution software for medical, industrial, military, communications, aerospace, business, scientific, and general computer applications. This program of study may also include exploration into creating, modifying, and testing the codes, forms, and script that allow computer applications to run.

The Science, Technology, Engineering, and Mathematics (STEM) Career Cluster focuses on planning, managing, and providing, scientific research and professional and technical services, including laboratory and testing services, and research and development services.

Successful completion of the Programming and Software Development program of study will fulfill requirements of the Business and Industry and STEM endorsement if the math and science requirements are met. Revised - July 2020

Texas Education Agency

Career Preparation
Career Prep Pathway

Career Preparation provides opportunities for students to participate in a learning experience that combines classroom instruction with paid business & industry employment experiences.

9th	CTE Elective I
10th	CTE Elective II
11th	Career Prep I Or CTE Elective III
12th	Career Prep II Or Career Prep I

NOTE: Does not qualify for TEA Program of Study.

Arts, Audio Video Technology & Communications
Yearbook Pathway

9th	Principles of Information Technology
10th	Audio/Video Production I
11th	Yearbook I (Printing & Imaging Technology I)
12th	Yearbook II (Printing & Imaging Technology II)

NOTE: Does not qualify for TEA Program of Study.

Catalyst - Dual Credit
Process Operations Pathway
Brazosport College Dual Credit

Catalyst - Operations

9th	
10th	Must Pass TSI Read/Write
11th	**PTAC 1302*** Introduction to Process Technology (Intro to Process Tech 13040504) **PTAC 1410*** Process Tech I-Equip (Oil & Gas Production I 13001250) **PSYC 1300** Learning Frameworks (College Readiness & Study Skills 3270100) **SPCH 1315*** Fund. Speech (Professional Communications 13009900) Must Pass TSI Math
12th	**ENGL 1301** Composition I (English IV 3220400) **HUMA 1301** Intro to Humanities (3220400) **MATH 1332** Quant Reasoning (Adv. Quantitative Reasoning 03102510) **CHEM 1305/1105*** Intro Chemistry (Scientific Research & Design 13037200) **CTEC 1401/1401L** Tech. Physics (13037200 continued) **PTAC 1432*** Process Instrumentation I (Oil & Gas Production II 13001260) **PTAC 1308*** Safety, Health & Environment (Petrochemical Safety, Health & Environment 1340504)

*CTE Class
Business & Industry Endorsement

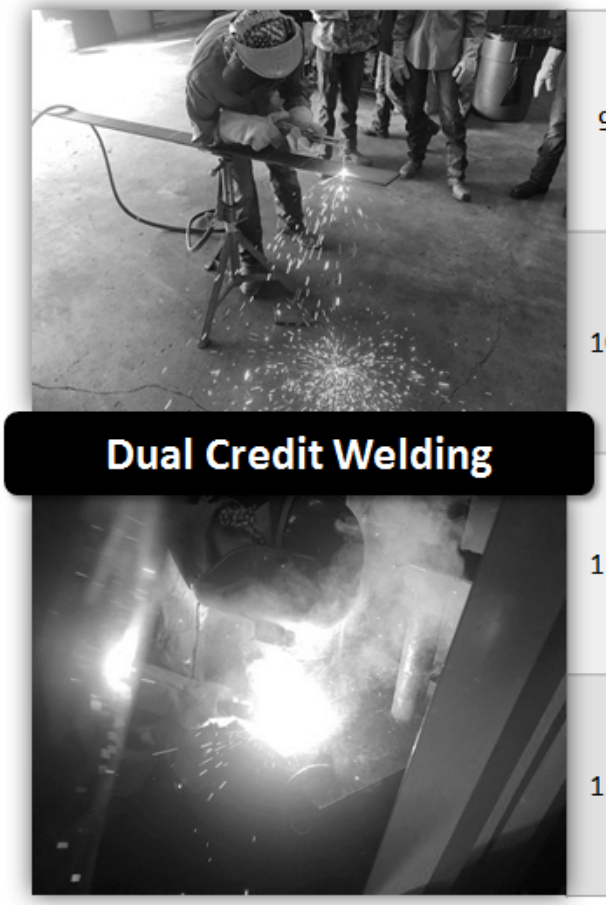
Catalyst - Dual Credit
Instrumentation Pathway
Brazosport College Dual Credit

Catalyst - Instrumentation

9th	
10th	Must Pass TSI Read/Write
11th	**INTC 1401*** Prin. of Industrial Meas. (Introduction to Process Technology 13040504) **PTAC 1410*** Process Tech I-Equip. (Oil & Gas production I 13001250) **INTC 1401*** Prin. of Industrial Meas. (Introduction to Process Technology 13040504) **PTAC 1410*** Process Tech I-Equip. (Oil & Gas production I 13001250) **PSYC 1300** Learning Frameworks (College Readiness & Study Skills 3270100) **SPCH 1315*** Fund. of Speech (Professional Communications 13009900) Must Pass TSI Math
12th	**ENGL 1301** Composition I (English IV 3220400) **HUMA 1301** Intro to Humanities (3220400) **MATH 1332** Quant Reasoning (Adv. Quantitative Reasoning 03102510) **INTC 1441** Prin. of Auto Control (Digital Electronics 13037600) **INTC 1315** Final Control Elements (AC/DC Electronics 13036800) **INTC 1441** Prin. of Auto Control (Digital Electronics 13037600) **INTC 1315** Final Control Elements (AC/DC Electronics 13036800) **ITSC 1305** Introduction to PC Operating Systems (Computer Science I 3508200) **ITNW 1325** Fundamentals of Network Tech (Networking 13027400)

*CTE Class
Business & Industry Endorsement

Dual Credit - Welding Technology



9th	Principles of Agriculture, Food, and Natural Resources (recommended)
10th	Agricultural Mechanics and Metal Technologies (recommended)
11th	Intro to Shielded Metal Arc Welding (SMAW) Adv Shielded Metal Arc Welding (SMAW) (Welding I 2CR)
12th	Int Pipe Welding Adv Gas Metal Arc Welding (GMAW) (Welding II w/Lab 3CR)

Sweeny Independent School District

Course Descriptions

Course offerings may vary based on enrollment

English Language Arts/Reading

English I **1 CREDIT**

Covers the writing process, grammar, usage and mechanics of writing. Focuses on writing of paragraphs and multi-paragraph compositions emphasizing the use of four basic modes for a variety of purposes. Integrates composition and language skills with the study of various types of literature: short stories, poetry, nonfiction, drama, and/or novels. Emphasizes the application of language, research, study skills, and vocabulary development.

English I PreAP is for the capable and highly motivated student. Consists of accelerated reading and writing as preparation for AP classes. College prep work.

PREREQUISITE: ENGLISH 8 ACC & TEACHER RECOMMENDATION FOR ACC (Grade: 9)
(03220100)

English II **1 CREDIT**

More complex concepts and skills are developed in the study of grammar, punctuation, and vocabulary. Designed to develop further skills of reading and writing within the general context of world literature.

English II PreAP requires self-motivation and personal discipline. Consists of accelerated reading and writing as preparation for AP classes. College prep work.

PREREQUISITE: ENGLISH 1 PreAP & TEACHER RECOMMENDATION FOR PreAP (Grade: 10)
(03220200)

English III **1 CREDIT**

Third year study of English is designed to develop, within the context of related reading, writing, speaking, and listening, a better understanding of the major features and history of American literature and grammar.

English III Advanced requires self-motivation and personal discipline. Consists of accelerated reading and writing as preparation for AP classes. College prep work.

AP English III (language and composition) is an intensive course that engages students in becoming skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts and in becoming skilled writers who compose for a variety of purposes. AP exam practice is a part of the course. Students are expected to take the exam to receive the weighted credit.
This class requires self-motivation and personal discipline. This class will do college level work.

PREREQUISITE: ENGLISH 2 PreAP & TEACHER RECOMMENDATION FOR Advanced & AP
(03220300) (A3220100) (Grade: 11)

English IV **1 CREDIT**

Primary focus on composition, vocabulary development, research, and British literature. Develop multi-paragraph papers, understand words including roots, prefixes, suffixes, read and analyze major British works of literature and write a research paper.

AP English IV requires intensive advanced reading, and writing. Read and examine demanding works of prose fiction and both lyric and dramatic poetry. Write mature, well-structured analyses and arguments about them. AP exam practice is a part of the course. Students are expected to take the exam to receive the weighted credit.
This class requires self-motivation and personal discipline. This class will do college level work.

PREREQUISITE: ENGLISH 3 AP & TEACHER RECOMMENDATION FOR AP (Grade: 12)
(03220400) (A3220200)

Dual Credit English IV **1 CREDIT**

Higher Education Coordinating Board and the syllabus from Brazosport College, which covers the required TEKS for this course, determine the content of the course. Process oriented instruction in written composition accompanied by rhetorical analysis of required prose reading, instruction in research methods, MLA documentation, and the use of PC's in a writing lab, instruction in literary analysis and research methods, culminating in a term paper or a series of short research papers. This class requires self-motivation and personal discipline.

PREREQUISITE: MEET DUAL CREDIT CRITERIA (Grade: 12)
(03220400)

Debate I, II, III **1 CREDIT**

Is a communication course in which students learn to develop analysis, reasoning, argumentation, and oral communication skills through classroom and competitive debate. Students will travel to speech and debate tournaments to hone their communication skills. Debate helps students to prepare life skills for college entrance and college performance while preparing for many careers including but not limited to legal, educational, medical, and governmental. Students taking debate may also meet their speech requirement.

PREREQUISITE: NONE (Grade: 9-12)
(03240600) (03240700) (03240800)

Mathematics

Algebra I **1 CREDIT**

Provides students with the basic essentials of algebra. It provides the study of the basic operations of integers, linear equations, polynomials, factoring, quadratics, rational expressions, simplifying fractions, combining fractions, algebra in a plane, linear systems, graphing linear systems, relations and functions.

Algebra I ACC is a more in-depth study of algebraic concepts to provide a foundation for concepts in AP Calculus. The Algebra I ACC class requires self-motivation and personal discipline**.**

Algebra 1 ACC is ONLY for students who have a 90 or better FINAL average in 8th grade math and teacher recommendation. (Grade: 9-12)

(03100500)

Geometry **1 CREDIT**

Students develop logical thinking, accurate computations, and clear expressions of thoughts. Emphasis is placed upon development of understanding of geometric proofs. Students will explore the properties of points, lines, planes, concepts of congruent figures, properties of congruent and similar triangles, properties of right triangles, circles and related terms, area and volume of solids, concepts of coordinate geometry, transformations, and basic constructions using a compass and straight edge.

Geometry ACC develops advanced skills in algebraic operations to provide a foundation for concepts in AP Calculus. Provides opportunities to recognize or form relationships in formal proofs. Requires self-motivation and personal discipline.

PREREQUISITE: Algebra 1, Teacher Recommendation (Grade: 9-12)

(03100700)

Mathematical Models with Applications **1 CREDIT**

In this course students use algebraic, graphical, and geometric reasoning to recognize patterns and structure, to model information, and to solve problems from various disciplines. Students use mathematical methods to model and solve real-life applied problems involving money, data, chance, patterns, design, and science. Students use mathematical models from algebra, geometry, probability and statistics and connections among these to solve problems from a wide variety of advance applications.

PREREQUISITE: After Algebra 1 and Geometry, Before OR After Algebra 2, Teacher Recommendation

(03102400) (Grade: 11-12)

Algebra II **1 CREDIT**

Areas of emphasis include properties of exponents, polynomial factoring, rational expressions, synthetic division, radical operation, quadratic equations, complex numbers, solving systems of equations, matrix operations, functions, conics, progressions and series, logarithms and graphing. Extensions of interrelationships of science and mathematics and mathematics and business will be part of the curriculum.

Algebra II ACC is a more in-depth study of functions and algebraic concepts to provide a foundation for concepts in AP Calculus. Requires self-motivation and personal discipline.

PREREQUISITE: ALGEBRA I, GEOMETRY, TEACHER RECOMMENDATION (Grade: 10-12)

(03100600)

Prcalculus **1 CREDIT**

Integrates and extends the concepts of algebra in the study of polynomial, rational, radical, exponential, logarithmic, trigonometric, and piecewise functions. Students interpret the meaning of the symbolic representations of functions and use a variety of methods to represent, analyze, model, and solve real-life problems and situations. Integrates technology for exploration and problem solving.

Precalculus ACC is a more in-depth study of functions and algebraic concepts to provide a foundation for concepts in AP Calculus. Requires self-motivation and personal discipline.

PREREQUISITE: Algebra II, Teacher Recommendation (Grade: 11-12)
(03101100)

AP Calculus AB **1 CREDIT**

Includes the study of derivatives, differentiation, and integration. Provides academic preparation for allied subject areas, such as physics, chemistry, and engineering, and a foundation in calculus for students who wish to prepare for The College Board Advanced Placement Examination. Students are expected to take the AP exam.

PREREQUISITE: Pre-Calculus, Teacher Recommendation (Grade: 12)
(A3100101)

College Prep Mathematics **1 CREDIT**

Students will extend their mathematical understanding beyond the Algebra II level in a specific area or areas of mathematics, such as theory of equations, number theory, non-Euclidean geometry, advanced survey of mathematics, or history of mathematics.

PREREQUISITE: Geometry, Algebra II, Teacher Recommendation (Grade: 12)
(CP111200)

College Algebra/College Trigonometry – Dual Credit (Precalculus Equivalent Credit) **1 CREDIT**

Content of this course is determined by the Higher Education Coordinating Board and the syllabus from Brazosport College which cover the required TEKS for this course. Complex numbers; solution of equations and inequalities; graphing techniques; functions including polynomial, rational, exponential, and logarithmic; systems of equations; theory of equations, applications of algebra. Not offered when enrollment is less than 15.

PREREQUISITE: MEET DUAL CREDIT CRITERIA (Grade: 12)
(03101100)

Science

Integrated Physics and Chemistry (IPC) **1 CREDIT**

This course integrates the disciplines of physics and chemistry in the following topics: motion, waves, energy transformations, properties of matter, changes in matter and solution chemistry.

IPC must be completed before Chemistry. (Grade: 9-12)
(03060201)

Biology **1 CREDIT**

This course emphasizes a variety of topics such as functions of cells and viruses; growth and development of organisms; cells, tissues and organs; nucleic acids and genetics; biological evolution; taxonomy; metabolism and energy transfers in living organisms; ecosystems; living systems; homeostasis; ecosystems; and plants and the environment.

Biology PreAP provides opportunities for the capable and highly motivated student. Includes an in-depth study of the unity of living things.

PREREQUISITE: TEACHER RECOMMENDATION FOR PreAP (Grade: 9-12)
(03010200)

Chemistry **1 CREDIT**

This course emphasizes a variety of topics that include: characteristics of matter, energy transformations during physical and chemical changes; atomic structure; periodic table of elements; behavior of gases; bonding; nuclear fusion and nuclear fission; oxidation-reduction; chemical equations; solutes; properties of solutions; acids and bases; and chemical reactions.

Chemistry ACC is a laboratory-oriented course geared to the student with exceptional math/science abilities.

PREREQUISITE: ALGEBRA I, TEACHER RECOMMENDATION FOR ACC (Grade: 10-12)
(03040000)

Physics **1 CREDIT**

This course emphasizes a variety of topics that include: laws of motion; changes within physical systems and conservation of energy and momentum; thermodynamics; force; characteristics and behaviors of waves; and quantum physics. It provides a conceptual framework, factual knowledge, and analytical and scientific skills.

Physics ACC

PREREQUISITE: TEACHER RECOMMENDATION FOR ACC (Grade: 11-12)
(03050000)

Forensics **1 CREDIT**

This course is designed to challenge students with topics such as fingerprinting, DNA analysis, blood typing and spattering, trajectories (for ballistics as well as blood spattering), comparative anatomy, and chemical analysis of drugs, poisons, and trace evidence, and the dynamics of Physics. Students will learn about the careers involved with Forensic Science and will play mock roles as experts in the field to solve crimes.

PREREQUISITE: BIOLOGY AND CHEMISTRY (Grade: 12)
(13029500)

Dual Credit Chemistry **1 CREDIT**

Content of this course is determined by the Higher Education Coordinating Board and the syllabus from Brazosport College which cover the required TEKS for this course. A review and extension of basic principles of chemistry, together with a study of the elements and their compounds, bonding theories, kinetic molecular theory, solutions and acid base theories. A study of equilibria, thermodynamics, electrochemistry, organic, and nuclear chemistry.

PREREQUISITE: Chemistry, Algebra I, and meet dual credit criteria (Grade: 11-12)
(13037200)

AP Biology **1 CREDIT**

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes — energy and communication, genetics, information transfer, ecology, and interactions. The course is based on four Big Ideas, which encompass core scientific principles, theories, and processes that cut across traditional boundaries and provide a broad way of thinking about living organisms and biological systems. This course requires that 25 percent of the instructional time will be spent in hands-on laboratory work, with an emphasis on inquiry based investigations that provide students with opportunities to apply the science practices. Students are expected to take the exam to receive the weighted credit.

PREREQUISITE: Biology and Chemistry (Grade: 11-12)
(A3010200)

Social Studies

World Geography **1 CREDIT**

Students examine people, places, and environments on local, regional, national, and international scales. Emphasis is placed on the physical processes that shape patterns in the physical environment; major landforms, climates, and ecosystems and their interrelationships; and relationships among peoples, places, and environments.

World Geography ACC (Grade: 9)
(03320100)

World History **1 CREDIT**

This course is an overview of the entire history of mankind, with a major emphasis on the study of significant people, events, and issues from the earliest times to the present. Students analyze important events and issues in western civilizations as well as in civilizations in other parts of the world.

World History ACC provides opportunities for the capable and highly motivated student.

PREREQUISITE: TEACHER RECOMMENDATION FOR ACC (Grade: 10-11)
(03340400)

United States History **1 CREDIT**

Students study the history of the United States since Reconstruction. Content focuses on the political, economic, and social events and issues related to industrialization and urbanization, major wars, domestic and foreign policy, and reform movements including civil rights. The course includes a comprehensive view of the American Revolution and the Civil War to enhance students' preparation and understanding of U. S. History. Special research project utilizing available technology will be completed.

United States History ACC provides opportunities for the capable and highly motivated student.

PREREQUISITE: TEACHER RECOMMENDATION FOR ACC (Grade: 11)
(03340100)

Dual U.S. History **1 CREDIT**

This course covers a wide range of topics in early American history from the age of European discovery through the Civil War and Reconstruction. It is an introduction to the study of history and to the political, economic, intellectual and social themes that have shaped our present society.

PREREQUISITE: MEET DUAL CREDIT CRITERIA (Grade: 11)
(03380001)

United States Government **½ CREDIT**

Government focuses on the principles and beliefs upon which the U. S. government was founded and on the structure, functions, and powers of the government at the national, state, and local levels. This course includes a major focus on the principles and content of the U. S. Constitution and the government it created.
(003330100) (Grade: 12)

Dual Credit U.S. Government **½ CREDIT**

Content of this course is determined by the Higher Education Coordinating Board and the syllabus from Brazosport College which cover the required TEKS for this course. Includes the following elements: foundations of the U.S. political system; development of the U.S. governmental systems; structures and functions of the U.S. governmental systems; and participation and decision making in civic affairs. State and local government covered.

PREREQUISITE: MEET DUAL CREDIT CRITERIA (Grade: 12)
(003330100)

Economics **½ CREDIT**

Economics focuses on the basic principles of production, consumption, and distribution of goods and services in the United States and a comparison with those in other countries. Emphasis is on the interaction of supply and demand, the role of financial institutions, and the impact of the government on the economy.

Economics ACC is paired with Dual Government and provides opportunities for the capable and highly motivated student. A more in-depth study of the current economy, potential economic scenarios, selected issues, and diverse investment approaches.

PREREQUISITE: HONORS- CONCURRENT WITH DUAL GOVERNMENT (Grade: 12)
(03310300)

Dual Credit Psychology **½ CREDIT**

Content of this course is determined by the Higher Education Coordinating Board and the syllabus from Brazosport College which cover the required TEKS for this course. Deals with the elementary principles of human behavior. Designed especially for those students majoring in the social or biological sciences, in pre-medicine, or in education.

PREREQUISITE: MEET DUAL CREDIT CRITERIA (Grade: 11-12)
(03350100)

Speech

Professional Communications (CTE) **½ CREDIT**

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, listen, apply software applications, manipulate computer graphics, and conduct Internet research.

(13009900) (Grade: 11-12)

***Note: Professional Communications is a universal course that is a component of all CTE Career Pathways

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Dual Speech **½ CREDIT**

This course is for dual credit from Brazosport College.

(03241400) (Grade: 11-12)

Health

Lifetime and Nutrition Wellness (CTE) **½ CREDIT**

This laboratory course allows students to use principles of lifetime wellness and nutrition to help them make informed choices that promote wellness as they pursue their academic and career aspirations. This course incorporates the Health TEK's to meet the required Health Credit.

(13024500) (Grade: 11-12)

***Note: Lifetime Nutrition & Wellness is a universal course that is a component of all CTE Career Pathways

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Fine Arts- Art

ART I **1 CREDIT**

High School Art I is an introductory course that provides instruction in the elements of art and principles of design. Student projects will include artwork in pencil, pen and ink, oil and chalk pastel, acrylic and watercolor paint, paper collage and scratch art. Students will keep a sketchbook and complete out of class assignments. Students will learn techniques in such subjects as portrait drawing, figure drawing and perspective. Students learn about art history and visual art careers. Students will take weekly tests over the elements of art, principles of design, and art history.

Course Fee: The fee for taking this course is $20.

PREREQUISITE: None (Grade: 9-12)
(03500100)

ART II **1 CREDIT**

This course is designed to further develop the concepts and skills learned in art one and is available for second level art students. Students will use the skills and techniques learned previously to enhance artwork in two and three-dimensional design using a variety of different media. The two-dimensional media includes graphite, charcoal, pastels, color pencil, acrylic, watercolor, and ink techniques. Three-dimensional work explored in this class includes clay, foam sculpture, and stained glass, along with non-traditional sculpture materials. Students will keep a sketchbook and complete out of class assignments. The student will develop an ability to make effective choices concerning media, techniques, subject matter, methods of interpretation, and compositional design. Students will research the history of artists and art movements through the use of prints, the internet, books, video, slides, and art criticism. Students will take weekly tests over the elements of art, principles of design, and art history.

Course Fee: The fee for taking this course is $20.

PREREQUISITE: Art I and teacher approval (Grade: 10-12)
(03500200)

Art III **1 CREDIT**

This course is meant for third level advanced art students who are have completed Art 1 and Art 2. Skills learned in Art 1 and Art 2 are incorporated and enhanced through this course. Each student will use their prior knowledge in the previous courses to investigate more thoroughly two-dimensional and three-dimensional projects. Students will keep a sketchbook and complete out of class assignments. Students will continue to research the history of artists and art movements. In order to be accepted into the Art 3 class, students must show initiative and good work habits in addition to being interested in art.

Course Fee: The fee for taking this course is $20.

PREREQUISITE: Art I, Art II and teacher approval (03501400) (Grade: 11-12)

Art IV **1 CREDIT**

PREREQUISITE: (Grade: 11-12)
(03500400)

Fine Arts- Band

Band I
Band II **1 CREDIT**

Band is a yearlong course designed to build on skills and knowledge previously acquired in a middle or high school instrumental ensemble. Rehearsals focus on development of critical listening/aural skills, individual musicianship, instrumental technique, refinement of ensemble skills, and aesthetic engagement culminating in periodic public performances. Students may receive 1/2 PE credit for the 1st semester of Marching Band and 1/2 Fine Art credit for the 2nd semester of Concert Band. This course requires students to participate in extra rehearsals and performances beyond the school day.

Prerequisite: In Sequence (Grade: 9-12)
(03150100) (03150200)

Band III
Band IV
Band III
Band IV **1 CREDIT**

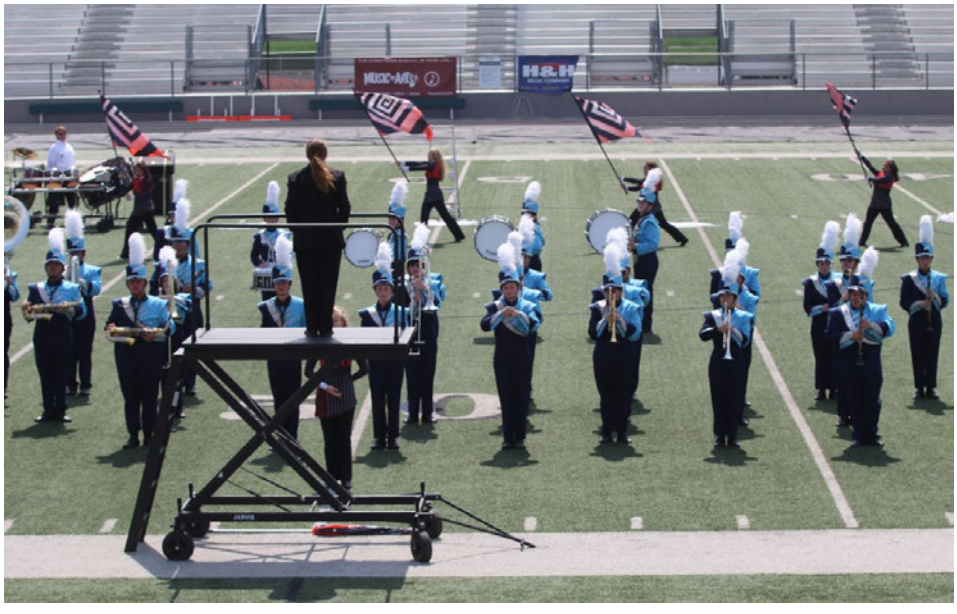
This year-long, advanced course, designed for wind and percussion students with extensive experience in solo performance and larger performing ensembles, promotes significant depth of engagement and lifelong appreciation of music through performance and other experiences with sophisticated instrumental music. The course includes the development of advanced instrumental ensemble techniques and skills, extended music literacy and theory, and deep aesthetic engagement with a broad spectrum of high-quality repertoire. Musical independence and leadership are particularly encouraged in this setting. This course requires students to participate in extra rehearsals and performances beyond the school day.

Prerequisite: Director's approval, Band I & II (Grade: 11-12)
(03150300) (03150400)

Applied Music (Band) **1 CREDIT**

Applied Music is a course in individual study and will give students the opportunity to improve their instrumental skills with one-on-one instruction and supervision by the teacher.

Prerequisite: Must be a member of the band organization and have teacher approval.
(03152500)(03152600)(03152601)(03152602) (Grade: 9-12)



Fine Arts- Choir

Chorale

Choir I, Choir II, Choir III, Choir IV **1 CREDIT**

This is not an auditioned group. All singers are welcomed. This is a year-long course designed to build vocal technique, strengthen sight reading skills, and develop more advanced skills in musicianship. A variety of choral literature will be explored.

Depending on the growth of the group, we may or may not participate in the UIL concert/sight reading competition in the spring. All members of this group will have the opportunity to participate in Region Choir auditions, working toward All–State Choir. All members will have the opportunity to participate in the UIL Solo/Ensemble competition. This course requires students to participate in extra rehearsals and performances beyond the school day. There will be at least three concert opportunities for all members. They are required for a major grade.

Prerequisites: Director's approval (Grade: 9-12)
(03150900) (03151000) (03151100) (03151200)

Varsity Choir

Choir II, Choir III, Choir IV **1 CREDIT**

This is a year-long course and is an auditioned group. As an upper-level performance opportunity offered to experienced music students, sight reading skills and vocal development are required. The core curriculum is a deeper exploration of vocal technique, music theory, and varied choral literature. High quality and a wide spectrum of music literature is performed in this choir. Members of this group will be given the opportunity to participate in the Region Choir auditions, UIL Solo/Ensemble, UIL Concert/Sight Reading, and at least four concerts are required and are major grades. Musical independence and leadership is encouraged in this course.

Prerequisite: Choir director approval by audition; Varsity level sight reading skills (Grade 10-12)
(03152500) (03152600) (03152601) (03152602)

Fine Arts- Theater

Theater Arts I **1 CREDIT**

This course provides a foundation for all other high school theatre arts courses. It includes an overview of theatre arts, basic acting techniques, and an introduction to stagecraft. The course also provides instruction in theatre production and appreciation.

(03250100) (Grade: 9)

Theater Arts II **1 CREDIT**

This course emphasizes expressive use of the body and voice. It includes analyzing and interpreting scripts and characters, employs acting skills, classical production styles and career education. Performance in public presentations and participation in speech tournaments is required. Several public performances are rehearsed in and outside of class.

Fees may be required for this class.

PREREQUISITE: THEATER ARTS 1 & TEACHER RECOMMENDATION

(03250200) (Grade: 10-12)

Theater Arts III

Theater Arts IV **1 CREDIT**

This class provides in-depth experience in acting, directing, as well as design. There are numerous scenes that are produced in class and for the public. Performance in public presentations and participation in speech tournaments is required. Several public performances are rehearsed in and outside of class. Afterschool rehearsals are mandatory. Students wishing to enroll in Theater III and IV will need to complete an application and audition.

Fees may be required for this class.

PREREQUISITE: IN SEQUENCE & TEACHER RECOMMENDATION

(03250300) (03250400) (Grade: 11-12)

Technical Theater Arts I, II, III, IV **1 CREDIT**

Students will learn theatre safety. Students will learn the aspects of design and implementation of design in scenery, props, costumes, lighting, and sound. Students will also study makeup design and application. Students will recognize the interdependence of all theatrical elements, and the role of a technical director and a technician in the rehearsal and performance process of a show. Students will recognize the importance of and be able to effectively create publicity for a show. Students will work in a variety of colors, textures, and mediums.

Fees may be required for this class.

PREREQUISITE: THEATER ARTS 1 & TEACHER RECOMMENDATION

(03250500)(03250600)(03251100)(03251200) (Grade: 9-12)

One Act Play I, II, III, IV **1 CREDIT**

The One Act Play course is a theatre production course whose aim is to teach theatre through rehearsal and performance. Each student will be admitted to the course at the discretion of the director via audition or interview. In the fall, students will produce a play or plays for the viewing public. Full sets, costumes, lighting and sound will be utilized to provide technical students a venue in which they can flourish as artists.

Additional audition/interviews will be held before the second semester. During the second semester, students will produce the UIL One Act Play. In both semesters, theatre students will be expected to rehearse after school and on weekends at the director.

(03250700) (03250800) (03250900) (03251000)

(Grade: 9-12)

Languages Other Than English

Spanish I **1 CREDIT**

Develops language skills in a proficiency-oriented curriculum in listening, speaking, reading, and writing. Emphasizes speaking and comprehending Spanish. Acquaints students with the culture and civilization associated with the Spanish language. (Grade: 9-12)
(03440100)

Spanish II **1CREDIT**

Extends language competency in a proficiency-oriented curriculum in listening, speaking, reading, and writing. Reviews and refines grammatical concepts. Extends students' knowledge of the culture and civilization associated with the Spanish language.

PREREQUISITE: SPANISH I (Grade: 9-12)
(03440200)

Spanish III Honors **1 CREDIT**

Provides opportunities for the capable and the highly motivated student to develop higher-level proficiency in language skills through reading, original writing, and oral activities and presentations. Includes reading and teacher-led discussions in Spanish.

PREREQUISITE: SUCCESSFUL COMPLETION OF COURSES IN SEQUENCE (Grade: 10-12)
(03440300)

AP Spanish IV
AP Spanish V **1 CREDIT**

Online class- AP Spanish 4 is a college level course for the serious student of the Spanish Language. Emphasis will be on Hispanic culture, literature, art, and advanced language usage. Students will practice advanced listening, speaking, reading and writing skills in preparation for the AP Spanish language Exam. Students are expected to take the exam to receive the weighted credit.
Online Class- AP Spanish 5 is for the student who wants to continue the study of Spanish in college. Emphasis will be on advanced grammar and conversation; authentic, complete works of literature of all genre; the study of well-known Hispanic figures; and perfecting writing skills in the Spanish Language. Prepares the students for the AP Spanish Literature or AP Spanish Language Exam. Students are expected to take the exam to receive the weighted credit.

PREREQUISITE: SUCCESSFUL COMPLETION OF COURSES IN SEQUENCE (Grade: 11-12)
(A3440100)(A3440200)

AMERICAN SIGN LANGUAGE I, II, III, IV **1 CREDIT/level**

Students will understand and produce short-signed phrases and sentences, detect main ideas in material that is signed, be able to transcribe ASL into English gloss, recognize the importance of communication and how it relates to the American Deaf culture, and recognize the importance of acquiring accuracy of expression by knowing the components of ASL, including grammar. These courses will qualify as a foreign language that will meet graduation requirements for the Foundation Graduation Plan.

PREREQUISITE: NONE for ASL I; for each additional level the prior year is required (Grade: 9-12)
(03980100) (03890200) (03980300) (03980400)

Physical Education

Freshman Physical Education **1 CREDIT**
Sophomore Physical Education
Junior Physical Education
Senior Physical Education

Students enrolled in PE are expected to develop health-related fitness and an appreciation for teamwork and fair play. Like the other high school physical education courses, Team Sports is less concerned with the acquisition of physical fitness during the course than reinforcing the concept of incorporating physical activity into a lifestyle beyond high school.

(Grade: 9-12)

(PES00052) (PES00053) (PES00054) (PES00055)

Boys Athletics
Girls Athletics **1 CREDIT**

This course is designed for student competitive participation in U.I.L., athletics of team and individual sports competition. Students will be involved in an off-season program when not involved in seasonal competition.

PREREQUISITE: COACHES' APPROVAL (Grade: 9-12)

(PES00000) (PES00001) (PES00002) (PES00003)

Students may substitute credit in the following courses for the required credits in physical education:

- Athletics (up to 4 credits)
- Sports without an athletic period with a minimum participation of two years
- Band during fall semester (maximum of 1 credit)
- Cheerleading (maximum of 1 credit)
- Drill Team (maximum of 1 credit)

Agriculture, Food, and Natural Resources

Principles of Agriculture, Food, and Natural Resources **1 CREDIT**

NOTE: Students may be exposed to live animals in this class.

This course is designed to provide students with an over-view of all aspects of agriculture. Including history of agriculture, structure of the FFA organization, introduction to plant & animal science, basic Ag mechanics, soils, leadership and supervised agricultural experiences.

Recommended for all students beginning in the Ag Science curriculum.

(13000200) (Grade: 9)

Small Animal Management **½ CREDIT**

NOTE: Students will be exposed to live animals in this class.

Students will be introduced to various species of small animals. They will learn about their care, habitats, breeding, nutrition, grooming and animal management practices. There will be some contact with live animals in this course.

PREREQUISITE: Principles of Ag **CO-REQUISITE: Equine Science**

(13000400) (Grade: 10-11)

Equine Science **½ CREDIT**

NOTE: Students will be exposed to live animals in this class.

The course covers the various breeds of horses, horse health & management. They will learn about horse behavior, training, equipment, disease prevention and control. The students will learn the business aspects of horse production and possible careers in this field.

PREREQUISITE: Principles of Ag **CO-REQUISITE: Small Animal Management**

(13000500) (Grade: 10-11)

Livestock Production **1 CREDIT**

NOTE: Students will be exposed to live animals in this class.

This course gives an introduction into livestock production. Topics covered are: terminology, anatomy & physiology, species, breeds, reproduction, nutrition and disease.

PREREQUISITE: Principles of Ag (Grade: 10-11)

(13000300)

Veterinary Medical Applications **1 CREDIT**

NOTE: Students will be exposed to live animals in this class.

The course covers veterinary terminology, anatomy, physiology, diseases, parasites, nutrition, management, clinical exams and hospital procedures. Students completing the course may take the state certification exam making them eligible to work as a vet assistant.

PREREQUISITE: Principles of Ag, Small Animal Management/Equine Science, or Livestock Production, RECOMMENDED CO-REQUISITE: Livestock Production or Small Animal Management/Equine Science

(13000600) (Grade: 11)

Agricultural Mechanics and Metal Technologies **1 CREDIT**

Students may take this course in Grade 9 if they have met the recommended prerequisite of Principles of Agriculture, Food, and Natural Resources. An introductory course for students to develop an understanding of agricultural mechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, concrete, and metal working techniques. Students can earn industry certifications through this course.

PREREQUISITE: Principles of Ag

(13002200) (Grade: 10)

Agricultural Structures Design and Fabrication **1 CREDIT**

To be prepared for careers in mechanized agriculture and technical systems, students attain knowledge and skills related to agricultural facilities design and fabrication, Students can earn industry certifications through this course.

PREREQUISITE: Principles of Ag and Agriculture Mechanics and Metal Technologies
(13002300) (Grade: 10-11)

Practicum in Agriculture **2 CREDITS**

NOTE: Students may be exposed to live animals in this class.

This practicum 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.

PREREQUISITE: Principles of Ag
(13002500) (Grade: 12)

Practicum in Agriculture (Vet Tec) **2 CREDITS**

NOTE: Students will be exposed to live animals in this class.

This practicum 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. Typically, students participate in internships at veterinary clinics to apply principals and applications learned in the classroom.

PREREQUISITE: Principles of Ag, Small Animal Management/Equine Science or Livestock Production, Veterinary Medical Applications
RECOMMENDED CO-REQUISITES: Advanced Animal Science
(13002500) (Grade: 12)

Advanced Animal Science (4th Science Credit) **1 CREDIT**

NOTE: Students will be exposed to live animals in this class.

This course covers all aspects of animal science, from breeding and genetics to harvesting and marketing. Students will discover how the animal body works and how they are used in agriculture.

PREQUISITE: Principles of Ag, Small Animal, Livestock Production, Equine Science, Biology
(13000700) (Grades 12)

Wildlife, Fisheries, and Ecology Management **1 CREDIT**

NOTE: Students will be exposed to live animals in this class.

This course covers state and federal wildlife laws as well as species identification, environmental concerns, management practices and conservation strategies. Hunter & Boater safety may be covered and certification may be earned at the student's expense.

PREQUISITE: Principles of Ag
(13001500) (Grades 11)

Floral Design- Qualifies as Art Credit **1 CREDIT**

This course is designed to develop students' ability to identify and demonstrate the principles and techniques related to floral design and horticultural systems as well as develop an understanding of the management of floral business and other career opportunities. Skills in the design and arrangement of flowers, foliage and related plant materials which includes designs for homecoming, weddings and other special event arrangements are emphasized.

NOTE: A fee of $50.00 for 4 arrangements (Example: Thanksgiving, Christmas, Valentine's Day) will be assessed for the school year to cover costs of arrangements students will take home.

PREREQUISITE: Principles of Agriculture, Food and Natural Resources
(13001800) (Grades 11)

Advanced Floral Design **1 CREDIT**

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. This 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.

NOTE: A fee of $50.00 for 4 arrangements (Example: Thanksgiving, Christmas, Valentine's Day) will be assessed for the school year to cover costs of arrangements students will take home.

PREREQUISITE: Floral Design
(N1300270) (Grades 11)

Energy & Natural Resources **1 CREDIT**

Energy and Natural Resource Technology examines the interrelatedness of environmental issues and production agriculture. Students will evaluate the environmental benefits provided by sustainable resources and green technologies. Instruction is designed to allow for the application of science and technology to measure environmental impacts resulting from production agriculture through field and laboratory experiences.

PREQUISITE: Principles of Ag
(13001100) (Grades 11)

Agriculture Equipment Design & Fabrication **1 CREDIT**

In Agricultural Equipment Design and Fabrication, students will acquire knowledge and skills related to the design and fabrication of agricultural equipment.

CO-REQUISITE: Dual Credit Welding II
(13002350) (Grades 12)

Arts and Audio Visual Education

Principles of Information Technology **1 CREDIT**

In Principles of Information Technology, students will develop computer literacy skills to adapt to emerging technologies used in the global marketplace. Students will implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. Students will enhance reading, writing, computing, communication, and reasoning skills and apply them to the information technology environment.

PREQUISITE: None

(13027200) (Grade: 9)

Printing & Imaging Technology I (Yearbook I) **1 CREDIT**

This class requires attendance of outside school events and programs.

This course will focus on prepress and provide students with an overview of software packages used for desktop publishing including Adobe Photoshop. Careers in printing span all aspects of the industry, including prepress, press, and finishing and bindery operations. Printing and Imaging Technology is a year-long production-oriented course for junior and senior students who have been selected to be on the staff. Students work as editors, lay-out planners, copywriters, photographers, and advertising and circulation salespersons with required out of class participation.

PREQUISITE: Principles of Information Technology and Audio/Video Production I

(13009600) (Grade 11)

Printing & Imaging Technology II (Yearbook II) **1 CREDIT**

This class requires attendance of outside school events and programs.

This course will focus on prepress and provide students with an overview of software packages used for desktop publishing including Adobe Photoshop. Careers in printing span all aspects of the industry, including prepress, press, and finishing and bindery operations. Printing and Imaging Technology is a year-long production-oriented course for junior and senior students who have been selected to be on the staff. Students work as editors, lay-out planners, copywriters, photographers, and advertising and circulation salespersons with required out of class participation.

PREQUISITE: Printing & Imaging Technology I

(13009700) (Grade: 12)

Audio/Video I **1 CREDIT**

The Audio/Video 1 course will build upon the knowledge gained in Principles of A/V. Students will receive further hands on training with the equipment (digital cameras and camcorders), and will also be introduced to broadcasting equipment. Activities in this course will include further exploration and use of the Adobe Software Suite (Premiere, Audition, and After Effects). Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an understanding of the industry with a focus on pre-production, production, and post-production audio and video activities.

PREQUISITE: Successful completion of Principles of Information Technology

(13008500) (Grade: 10)

AUDIO/VIDEO 2 W/LAB **2 CREDIT**

Building upon the concepts taught in Audio/Video Production, in addition to developing advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an advanced understanding of the industry with a focus on pre-production, production, and postproduction products. Through diverse forms of storytelling and production, students will exercise and develop creativity, intellectual curiosity, and critical-thinking, problem-solving, and collaborative skills. This course may be implemented in an audio format or a format with both audio and video. Requiring a lab requisite for the course affords necessary time devoted specifically to the production and post-production process.

Prerequisite – Successful completion of: Principles of Information Technology and A/V 1.

(13008610) (Grade: 11)

Practicum in Audio/Video Production **2 CREDIT**

The Audio/Video 2 course will build upon the knowledge gained in the Principles of Information Technology course Students in the A/V 2 course will be expected to further their knowledge and skills by completing hands-on activities, projects, and creating quality final products. Students continuing in this pathway will be expected and required to participate in activities that will require outside class time (i.e. filming - during school hours AND after school, operating the Jumbo Tron in the stadium press box for events throughout the school year, filming and editing promotional videos for all areas of the school district, filming and editing projects for contests, and many other unique A/V opportunities.) Students will also master and refine their Adobe software skills that were introduced in the prerequisite courses while being introduced to the fundamentals of filming using the DJI Phantom 4 Quadcopter.

Prerequisite – Successful completion of AUDIO/VIDEO 2 W/LAB

(13008700) (Grade: 12)

Printing & Imaging Technology I (Yearbook I) **1 CREDIT**

This course will focus on prepress and provide students with an overview of software packages used for desktop publishing including Adobe Photoshop. Careers in printing span all aspects of the industry, including prepress, press, and finishing and bindery operations. Printing and Imaging Technology is a year-long production-oriented course for junior and senior students who have been selected to be on the staff. Students work as editors, lay-out planners, copywriters, photographers, and advertising and circulation salespersons with required out of class participation.

Prerequisite: Principles of Information Technology and Graphic Design & Illustration I

(13009600) (Grade 11)

Printing & Imaging Technology II **1 CREDIT**

This course will focus on prepress and provide students with an overview of software packages used for desktop publishing including Adobe Photoshop. Careers in printing span all aspects of the industry, including prepress, press, and finishing and bindery operations. Printing and Imaging Technology is a year-long production-oriented course for junior and senior students who have been selected to be on the staff. Students work as editors, lay-out planners, copywriters, photographers, and advertising and circulation salespersons with required out of class participation.

Prerequisite: Printing & Imaging Technology I

(13009700) (Grade: 12)

Business Education

Principles of Information Technology **1 CREDIT**

In Principles of Information Technology, students will develop computer literacy skills to adapt to emerging technologies used in the global marketplace. Students will implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. Students will enhance reading, writing, computing, communication, and reasoning skills and apply them to the information technology environment.

PREREQUISITE: None

(13027200) (Grade: 9)

Touch Systems Data Entry **1/2 CREDIT**

In Touch Systems Data Entry, students apply technical skills to address business applications of emerging technologies. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment. Students will need to apply tough system data entry skills for production of business documents.

(13011300) (Grade: 9-12)

Business Information Management I **1 CREDIT**

In this course, students will develop skills that will help them make a successful transition to the workforce and post-secondary education. They will learn key aspects of software programs in the Microsoft® Office suite. In addition, they will learn how businesses manage vast amounts of information with a variety of emerging technologies. When students have completed this course, they will recognize how businesses identify information requirements and information management systems. Students will have also gained practical skills for succeeding in today's business environment, including the ability to create effective word processing documents, spreadsheets, databases, and multimedia presentations.

PREREQUISITE: Principles of Information Technology
(13011400) (Grade: 10)

Business Information Management II **1 CREDIT**

In Business Information Management II, students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce or postsecondary education. Students apply technical skills to address business applications of emerging technologies, create complex word-processing documents, develop sophisticated spreadsheets using charts and graphs, and make an electronic presentation using appropriate multimedia software. Building on skills from BIM I, they will continue to build on learn key aspects of software programs in the Microsoft® Office suite.

PREREQUISITE: Business Information Management I (Grade: 11)
(13011500)

Practicum in Business Management **2 CREDIT**

Practicum in Business Management is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences occur in a simulated environment appropriate to the nature and level of experience. 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 apply technical skills to address business applications of emerging technologies. Students develop a foundation in the economic, financial, technological, international, social, and ethical aspects of business to become competent consumers, employees, and entrepreneurs. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment. Students incorporate a broad base of knowledge that includes the legal, managerial, marketing, financial, ethical, and international dimensions of business to make appropriate business decisions.
Recommended Prerequisite: Business Information Management I

PREREQUISITE: Business Information Management II (Grade: 12)
(13012200)

Career Development

Career Preparation I **2-3 CREDIT**

This course provides opportunities for students to participate in a learning experience that combines classroom instruction with paid business and industry employment experiences and supports strong partnerships among school, business, and community stakeholders. The goal is to prepare students with a variety of skills for a fast-changing work place. This instructional arrangement should be an advanced component of a student's individual program of study. Students are taught employability skills, which include job specific skills applicable to their training station, job interview techniques, communication skills, financial and budget activities, human relations, and portfolio development. Career Preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success.

Important Note: This course requires 1 hr/day class time. A minimum of ten to fifteen hours of work a week is required. Due to state requirements, seniors without previous work program experience will not be admitted into the program at mid-term.

For More Details: Refer to the Sweeny ISD Work based learning Manual.

PREREQUISITE: Student must be employed or start employment by the end of the first week of school

(Grade: 11-12)

(12701300) 2CR

(12701305) 3CR- Prerequisite: Successful completion of one or more advanced career and technical education courses that are part of a coherent sequence of courses in a Career Cluster related to the field in which the student will be employed. Co-requisites: Career Preparation I.

Career Preparation II **2-3 CREDIT**

This course provides opportunities for students to participate in a learning experience that combines classroom instruction with paid business and industry employment experiences and supports strong partnerships among school, business, and community stakeholders. The goal is to prepare students with a variety of skills for a fast-changing work place. This instructional arrangement should be an advanced component of a student's individual program of study. Students are taught employability skills, which include job specific skills applicable to their training station, job interview techniques, communication skills, financial and budget activities, human relations, and portfolio development. Career Preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success.

Important Note: This course requires 1 hr/day class time. A minimum of ten to fifteen hours of work a week is required. Due to state requirements, seniors without previous work program experience will not be admitted into the program at mid-term.

For More Details: Refer to the Sweeny ISD Work based learning Manual.

PREREQUISITE: Career Preparation I and Student must be employed or start employment by the end of the first week of school.

(Grade: 12)

(12701400) 2CR

(127014050) 3CR- Prerequisite: Successful completion of one or more advanced career and technical education courses that are part of a coherent sequence of courses in a Career Cluster related to the field in which the student will be employed. Co-requisites: Career Preparation II.

Health, Science and Technology

Principles of Health Science **1 CREDIT**

Principles of Health Science provides an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the health care industry with an introduction of human anatomy and physiology.

(13020200) (Grade: 9)

Medical Terminology **1 CREDIT**

This course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, combining forms, and singular and plural forms, plus medical abbreviations and acronyms. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology.

PREREQUISITE: Principles of Health Science (Grade: 10)

(13020300)

Anatomy and Physiology (4th Science Credit) **1 CREDIT**

In Anatomy and Physiology, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Anatomy and Physiology study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis.

PREREQUISITE: Biology & second science credit

Recommended Pre-requisite: Principles of Health Science

(13020600) (Grade: 12)

Health Science Theory **1 CREDIT**

Health Science course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will have hands-on experiences for continued knowledge and skill development. Students will learn Cardiopulmonary Resuscitation (CPR) in this class. If the student desires to be certified, they will be responsible for paying the fee for the certification. Students desiring to enter into the Practicum in Health Science will need to be CPR certified prior to entering the clinical setting.

PREREQUISITE: PRINCIPLES OF HEALTH SCIENCE, MEDICAL TERMINOLOGY AND BIOLOGY

(13020400) (Grade: 11)

Practicum in Health Science **2 CREDIT**

- Practicum is designed to give students practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. The course is taught by different methodologies such as clinical rotation, career preparation learning lecture, and simulation in the classroom. NOTE REQUIREMENTS**: ENROLLMENT IN THIS COURSE IS BASED ON A PANEL EVALUATION** REGARDING GRADES, ATTENDANCE AND BEHAVIOR. Flu Shot, TB test, and up to date vaccinations are required. Students must purchase a scrub uniform set (color chosen by class). Students MUST PROVIDE THEIR OWN TRANSPORTATION. **Number of students accepted may be limited due to clinical site availability.**
- ALL PRACTICUM STUDENTS WILL ENROLL IN AND COMPLETE CERTIFIED CLINICAL MEDICAL ASSISTANT (CCMA) ONLINE TRAINING PAID FOR WITH CAREER AND TECHNOLOGY FUNDS.
- EXAMS WILL BE PURCHASED BY SISD FOR STUDENTS SCORING 85% OR GREATER ON A PRACTICE EXAM. STUDENTS SCORING BELOW 85% WILL BE REQUIRED TO PURCHASE THE EXAM.
- LICENSURE EXAM WILL BE TAKEN DURING THE SPRING SEMESTER. A CONDITIONAL CERTIFICATION IS ISSUED TO STUDENTS WHO PASS THE EXAM. A FULL CERTIFICATION IS ISSUED TO STUDENTS AFTER THEY PROVIDE PROOF OF GRADUATION TO THE NATIONAL HEALTH CAREER ASSOCIATION.

PREREQUISITE: PRINCPLES OF HEALTH SCIENCE, HEALTH SCIENCE THEORY, AND BIOLOGY

(13020500) (Grade: 12)

Programming & Software Development

Fundamentals of Computer Science **1 CREDIT**

Fundamentals of Computer Science provides an overview of computer programming principles and vocabulary. Students will use a variety of computer hardware and software applications to complete assignments and projects. Upon completing this course, students will have a basic understanding of computer programming, the methodologies of designing software, and the vocabulary and concepts needed to continue in the Software Development pathway.

(03580140) (Grade 9)

Computer Science 1 (UT on Ramps Course) **1CREDIT**

Students will study structured programming techniques, develop executable programs, and create appropriate documentation. Using a project-based curriculum, students will learn computational thinking, develop problem solving skills, and create algorithmic solutions. Students will investigate several coding languages, including Scratch, Java, and Robot-C.

PREREQUISITE: Fundamentals of Computer Science AND Algebra I

(03580200) (Grade: 10)

Computer Science 2 **1 CREDIT**

Students will study structured programming techniques, develop executable programs, and create appropriate documentation. Using a project-based curriculum, students will learn computational thinking, develop problem solving skills, and create algorithmic solutions. Students will investigate several coding languages, including Scratch, Java, Robot-C, and MATLAB.

PREREQUISITES: Fundamentals of Computer Science, Computer Science 1 AND Algebra I

(03580300) (Grade: 11)

Practicum in Science, Technology, Engineering, and Mathematics **2 CREDIT**

Practicum in STEM is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

PREREQUISITE: Algebra l, Geometry and Computer Science 1

Recommended Prerequisites:

(13037400) (Grade: 12)

STEM- Engineering

Principles of Applied Engineering **1 CREDIT**

Principles of Applied Engineering provides an overview of the various fields of science, technology, engineering, and mathematics and their interrelationships. Students will use 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, educational opportunities and career outlook in Science, Technology, Engineering & Mathematics. Further, students will have worked on a design team to develop a product or system. Students will use multiple software applications to prepare and present course assignments.

(13036200) (Grade: 9)

Engineering Design and Presentation I **1 CREDIT**

Students enrolled in this course will demonstrate knowledge and skills of the process of design 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.

PREREQUISITE: Algebra I & PRINCIPLES OF APPLIED ENGINEERING OR PRINCIPLES OF INFORMATION TECHNOLOGY

(13036500) (Grade: 10)

Engineering Design and Presentation II **2 CREDITS**

This course will provide students the opportunity to master computer software applications in a variety of engineering and technical fields. This course further develops the process of engineering thought and application of the design process. Includes/Allows opportunities to learn introductory concepts in Robotics/Automation, Electronics, Instrumentation and Process Technology.

PREREQUISITE: ALGEBRA I, GEOMETRY, PRINCIPLES OF APPLIED ENGINEERING OR PRINCIPLES OF INFORMATION TECHNOLOGY, AND ENGINEERING DESIGN AND PRESENTATION I

(13036600) (Grade: 12)

Practicum in Science, Technology, Engineering, and Mathematics **2 CREDIT**

Practicum in STEM is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

PREREQUISITE: Algebra l, Geometry and Engineering Design & Presentation II.
PREQUISITE: NONE

(13037400) (Grade: 12)

Yearbook

Yearbook I
Yearbook II

SEE ARTS & AUDIO VISUAL EDUCATION PG. 64 (Verify Page number after edits)

PREREQUISITE: PRINCIPLES OF INFORMATION TECHNOLOGY, Audio/Video Production I
(Grade: 11-12)

CATALYST PROGRAM

in partnership with

The Catalyst Program is an innovative dual credit program designed to place students on a defined path and quicker timeline to a degree and career after graduation. Students may complete an associate degree within one year of high school graduation, and the baccalaureate degree within three years of graduation in the areas of Process Operations and Instrumentation (both degree options at BC). For more information regarding course requirements visit www.brazosport.edu/catalyst.

Catalyst Dual Credit Classes- Process Operations

(Courses taken at Brazosport College)

Process Technology I (Introduction to Process Technology) **1 CREDIT, 3 DUAL CREDIT**
Introduction to chemical and refinery plant operations. Topics include process technician duties, responsibilities and expectations; plant organizations; plant process and utility systems; and the physical and mental requirements of the process technician.
PTAC 1302
(13040502) Energy (GRADE: 11)

Process Technology II/Lab (Oil & Gas Production I) **1 CREDIT, 4 DUAL CREDIT**
Instruction in the use of common process equipment. Laboratory exercises include the operation and maintenance of process equipment.
PTAC 1410
(13001250) Energy (GRADE: 11)

Process Technology III/Lab (Oil & Gas Production II) **1 CREDIT, 4 DUAL CREDIT**
Study of the instruments and instrument systems used in the chemical processing industry including terminology, primary variables, symbology, control loops, and basic troubleshooting.
PREREQUISITE: OIL & GAS PRODUCTION I
PTAC 1432
(13001260) Energy (GRADE: 12)

Process Technology IV (Petrochemical Safety, Health & Environment) **1 CREDIT, 3 DUAL CREDIT**
Development of knowledge and skills to reinforce the attitudes and behaviors required for safe and environmentally sound work habits. Emphasis on safety, health, and environmental issue in the performance of all job tasks and regulatory compliance issues. Course topics will be reinforced through plant scenarios performed at the Process Equipment Trainer.
PTAC 1308
(13040504) Energy (GRADE: 12)

Catalyst Dual Credit Classes- Instrumentation Technology

(Courses taken at Brazosport College)

INSTRUMENTATION I/ Lab (Manufacturing Engineering Technology) **1 CREDIT, 4 DUAL CREDIT**
Principles and devices for the measurement of process variables such as temperature, pressure, flow, level, and basic control functions
INTC 1401
(13032900) Manufacturing (GRADE: 11)

INSTRUMENTATION II/Lab (Oil & Gas Production I) **1 CREDIT, 4 Dual Credit**
Instruction in the use of common process equipment. Laboratory exercises include the operation and maintenance of process equipment.
PTAC 1410
(13001250) Energy (GRADE: 11)

INSTRUMENTATION III/Lab (Digital Electronics) **1 CREDIT, 4 DUAL** Theory of control room operations, automatic control systems and design, closed loop control systems, recorders, controllers, positioners, feedback, on/off control, proportional, reset and rate responses, ratio and cascade controllers, including both pneumatic and electronic systems.
INTC 1441
(13037600) STEM (GRADE: 12)

Instrumentation IV (AC/DC Electronics) **1 CREDIT, 3 DUAL CREDIT**
Various designs of final control elements including disassembly, assembly, calibration troubleshooting, and required documentation. Basic techniques and calculations for proper valve sizing.
INTC 1315
(13036800) STEM (GRADE: 12)

INSTRUMENTATION III/A (Computer Science I) **1 CREDIT**

A study of personal computer operating systems. Topics include installation and configuration, file management, memory and storage management, control of peripheral devices, and use of utilities. C0-REREQUISITE: Digital Electronics (INTC 1441)

ITSC 1305 (Introduction to PC Operating Systems) STEM (GRADE: 12)

Instrumentation IV-A (Networking) **1 CREDIT**

Instruction in networking technologies and their implementation. Topics include the OSI reference model, network protocols, transmission media, and networking hardware and software.

Co-Requisite: AC/DC Electronics (INTC1315)

ITNW1325 (Fundamentals of Network Tech) IT (GRADE: 12)

OTHER CTE Dual Credit Classes- Welding Technology

(Classes taken at Sweeny High School)

Into. To Shielded Metal Arc Welding (Welding I) **2 CREDIT, 8 DUAL CREDIT**

An introduction to shielded metal arc welding process. Emphasis placed on power sources, electrode selection, oxyfuel cutting, and various joint designs. Instruction provided in SMAW fillet welds in various positions. NCCER credit available.

WLDG 1428

AND

Advanced Shielded Metal Arc Welding

Advanced topics based on accepted welding codes. Training provided with various electrodes in shielded metal arc welding processes with open V-groove joints in all positions. NCCER credit available.

WLDG 2443

(13032300)

Intermediate Pipe Welding (Welding II/Lab) **3 CREDIT, 8 DUAL CREDIT**

A comprehensive course on the welding of pipe using the shielded metal arc welding (SMAW process. Position of welds will be 1G, 2G, 5G, and 6G using various electrodes. Topics covered include electrode selection, equipment setup, and safe shop practices. NCCER credit available.

WLDG 2406

AND

Advanced Gas Metal Arc Welding

Advanced topics in GMAW welding, including welding in various positions and directions. NCCER credit available.

WLDG 2447

PREREQUISITE: WELDING I

(13032410

Online Tools for Planning Your Future

Here are some websites to visit and research information about Careers, Colleges, Financial Aid and College Entrance Exams.

Researching Careers: When you do research, you need to look for the following information:

- How do your interests and abilities connect to a career?
- What college degrees, licenses, certifications or specialty training will you need for the career you want?
- How many years will it take you to get to the career you want?
- What is the job description of the career you are interested in? What will you be doing?
- What is the average starting salary of an entry level position?
- What opportunities for advancement will you have in this career? What are the benefits of this career?
- Where will you have to live for this career?
- What is the job outlook for the future in this career? Is it growing or dying?

Career Websites:

Occupational Outlook Handbook	https://www.bls.gov/ooh/
O*net Online	www.onetonline.org
Mapping Your Future	https://www.mappingyourfuture.org/
Career One Stop	www.careeronestop.org/StudentsandCareerAdvisors
My Future	http://www.myfuture.com
Career Coach at Brazosport College	www.brazosport.edu/careercoach

Researching College Information:

When doing research for colleges, find out the following information:

- Information about campus tours or special orientations for prospective students • Degrees and programs the college offers.
- What courses does that college require for the degree you are seeking?
- Application process- application, deadlines, requirements
- Admission Requirements- entrance exams, minimum scores, fee requirements
- Extra-Curricular activities- clubs, organizations, intramural sports + Transportation (Parking, shuttle bus)
- Financial Aid and Scholarship information
- Average semester costs of attending
- Information about the city of the college
- Housing options- dorms or apartments
- On-campus dining – meal plan options

College Information Websites:

Common Application	www.commonapp.org
Generation TX	http://gentx.org
Big Future	www.bigfuture.org
Fast Web	www.fastweb.com
Go College	www.gocollege.com
Think College	https://thinkcollege.net/
Texas Common Application	www.applytexas.org
Peterson's Guide	www.petersons.com
Know How 2 Go	www.KnowHow2Go.org

Researching Financial Aid and Scholarships:

- Financial Aid- all financial assistance given to students to attend college is financial aid.
- Scholarships- money given to students that doesn't have to be paid back.
- Grants- money that comes with some stipulations- may have to qualify for or participate in a specific program of study, may have to be paid back if student doesn't fulfill their obligation, Pell Grant, TPEG Grant, Teach for Texas Grant.
- Student Loans- money loaned to students that has to be paid back with low interest. Subsidized- interest is paid while student is enrolled in school. Unsubsidized- interest has to be paid by the student while the student is enrolled. A re-payment plan is made for when the student is no longer a student and is employed in their career choice.
- Colleges give scholarship money to their own students- Fill out financial aid applications at the college you are thinking of going to attend. These are the biggest scholarships. Sometimes the financial aid deadline is before their application to the college. Do your research.
- Avoid Scholarship Scams. Do not pay anyone money to find scholarships for you. You can do the same searches. Do not pay an application fee for a scholarship application. That is a sign of a scam.

Financial Aid and Scholarships Websites:

College for all Texans	www.collegeforalltexans.com
FAFSA	www.fafsa.ed.gov
Federal Student Loans	www.collegeloan.com
Fast Web	www.fastweb.com
Federal Student Aid Information Center	www.studentaid.ed.gov
Fin Aid	www.finaid.org/
Next Step U	www.nextSTEPU.com

College Entrance Exams and Test Prep:

- Going to a 4-year college?
  - You will need the SAT or ACT, and possibly a subject area test.
  - Check the college's website for their entrance requirements and deadlines.
  - Register online by the deadline, late fees will apply after deadline.
  - Fee waivers are available for students who qualify.
- Going to a 2-year community college, junior college, or technical school?
  - You probably won't need the SAT or ACT. o Check the college's website for their entrance requirements and deadlines.
  - TSIA (Texas Success Initiative) - Register at Brazosport College Testing Office.
  - You may be exempt from the TSI Assessment by your STAAR EOC or SAT/ ACT scores.
- Going to an Armed Service Branch?
  - You need to talk to a recruiter from Army, Navy, Air Force, Marines, or Coast Guard to see what criteria they have, to see what benefits they are offering, and to get signed up.
  - You will need to take the ASVAB.

College Entrance Exams and Test Prep Websites:

Khan Academy	www.khanacademy.org/test-prep/
The College Board (PSAT, SAT, test prep)	www.collegeboard.org
ACT Testing	www.actstudent.org
Number 2	www.number2.com
Princeton Review	https://www.princetonreview.com/college/sat-test-prep
4 Tests	www.4tests.com
Test Prep Review	www.testprepreview.com/sat_practice.htm
March 2 Success	www.march2success.com/index.cfm
Test Guide	www.test-guide.com/
Internet 4 classrooms	www.internet4classrooms.com/act_sat.htm

Timeline for College and Career Planning

8TH GRADE YEAR:

- Spring Semester:
  - Plan a challenging program of classes to take throughout your high school years.
  - Sample 4 Year Plans for planning purposes:

FRESHMAN YEAR:

- Continue pursuing a challenging program of classes throughout your high school years.
- Create a file of important documents and notes (list of awards, honors, and community activities).
- Stay active in clubs, activities, and sports that you enjoy.
- Begin exploring careers

SOPHOMORE YEAR:

- Continue exploring careers.
- Begin your college search.
- Prepare for standardized testing:
  - Sign up through your campus' testing coordinator to take the PSAT in the fall.
  - Once scores are received, review your test results and identify areas for improvement.
- Continue extracurricular activities.
- Update your file of important documents and notes.
- Complete the NCAA Eligibility Center (www.eligibilitycenter.org) application if you are planning on playing collegiate level sports. If you need assistance with this, see your Athletic Director or the Lead Counselor on your campus.

JUNIOR YEAR:

- Fall Semester:
  - Determine the dates you will take the SAT (www.collegeboard.org) and ACT (www.act.org) during this school year.
  - Begin developing a resume based off of the file of important documents and notes you have been accumulating.
  - Take the PSAT in October.
  - Begin planning college visits.
  - Start doing a search for financial aid. Options include grants, loans, and scholarships.
  - If you are interested in the military, speak with a recruiter and take the ASVAB.
- Spring Semester:
  - Meet with your school counselor to develop your senior schedule and to ensure you have met all credit requirements for graduation.
  - Finalize your list of colleges you plan on applying to next school year.
  - Make a list of teachers, counselors, and other adults whom you might ask to write letters of recommendation for your college applications.
- Summer:
  - Work on your college application essays before you return to school!
  - Finalize your resume you will be using as part of your college application.

SENIOR YEAR:

- August/September:
  - Continue to research financial aid options.
  - Make sure you have all applications required for admission and financial aid.
  - Send high school transcripts to colleges you are applying to. - Check admission and financial aid deadlines for the schools you plan to apply to.
  - If you are still needing to take/retake the ACT and/or SAT, register for the first testing date this semester.
  - Obtain letters of recommendation, if needed.
  - If you are interested in the military, speak with a recruiter and take the ASVAB.
- October:
  - File early decision applications.
  - Have official test scores (SAT/ACT) sent by the testing agency to the colleges you are applying to.
  - Try to have all applications submitted by the end of October.
  - File for Free Application for Federal Student Aid (FAFSA) (https://fafsa.ed.gov/) as soon as possible once it has been opened.
- November:
  - Continue looking for scholarships and financial aid.
  - Begin working on local scholarship applications.
- December/January/February:
  - Begin making final decisions about where you will attend in the fall. Apply for housing, if needed.
  - Continue working on local scholarship applications.
- March/April/May:
  - Continue looking for scholarships.
- June:
  - Have high school send final transcript to the college you will attend.
  - If you took dual credit courses, have Brazosport College send your college transcript to the college you will attend. There is an online request form on the Brazosport College site (www.brazosport.edu).
  - Plan to attend orientation session at college.

Public Notification of Nondiscrimination

Sweeny Independent School District offers career and technical education programs in Agriculture, Arts/Audio/Video Technology & Communications, Business Management, Career Development, Health Science, Information Technology, Manufacturing, and Science, Technology, Engineering & Mathematics. Admission to these programs is based on students' interests. It is the policy of Sweeny ISD not to discriminate on the basis of race, color, national origin, sex or handicap in its vocational programs, services or activities as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended. It is the policy of Sweeny ISD not to discriminate on the basis of race, color, national origin, sex, handicap, or age in its employment practices as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; the Age Discrimination Act of 1975, as amended; and Section 504 of the Rehabilitation Act of 1973, as amended. Sweeny ISD will take steps to assure that lack of English language skills will not be a barrier to admission and participation in all educational and vocational programs. For information about your rights or grievance procedures, contact the Title IX Coordinator, Sandra Vandaveer, at 1310 N. Elm Street, Sweeny, Texas 77480, (979)-491-8000, and/or the Section 504 Coordinator, Sandra Vandaveer, at 1310 N. Elm Street, Sweeny, Texas 77480, (979)-491-8000.

Sweeny ISD ofrece programas de educación técnica y vocacional en Agricultura, Arte / Audio / Video Tecnología y Comunicaciones, Administración de Empresas, Desarrollo Profesional, Ciencias de la Salud, Tecnología de la Información, Manufactura y Ciencia, Tecnología, Ingeniería y Matemáticas. La admisión a estos programas se basa en los intereses de los estudiantes. Es norma de Sweeny ISD no discriminar en sus programas, servicios o actividades vocacionales por motivos de raza, color, origen nacional, sexo o impedimento, tal como lo requieren el Título VI de la Ley de Derechos Civiles de 1964, según enmienda; Título IX de las Enmiendas en la Educación de 1972, y la Sección 504 de la Ley de Rehabilitación de 1973, según enmienda. Es norma de Sweeny ISD no discriminar en sus procedimientos de empleo por motivos de raza, color, origen nacional, sexo, impedimento o edad, tal como lo requieren el Título VI de la Ley de Derechos Civiles de 1964, según enmienda; Título IX de las Enmiendas en la Educación, de 1972, la ley de Discriminación por Edad, de 1975, según enmienda; y la Sección 504 de la Ley de Rehabilitación de 1973, según enmienda. Sweeny ISD tomará las medidas necesarias para asegurar que la falta de habilidad en el uso del inglés no sea un obstáculo para la admisión y participación en todos los programas educativos y vocacionales. Para información sobre sus derechos o procedimientos de quejas, comuníquese con el Coordinador del Título IX, Sandra Vandaveer, at 1310 N. Elm Street, Sweeny, Texas 77480, (979)-491-8000, y/o el Coordinador de la Sección 504, Sandra Vandaveer, at 1310 N. Elm Street, Sweeny, Texas 77480, (979)-491-8000.