

Crosby High School
2019-2020
Academic Planning
Guide



2019 – 2020

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Message to Parents and Students

Crosby High School is home to a prestigious group of professional educators who share in my commitment to see all students succeed. As a faculty, we will continue to cultivate a community of learners by nurturing a sense of continuous improvement within our students and ourselves. Together, CHS educators coupled with parents and our community can insure that every student can accomplish their goals.

In that effort, the guidance staff has developed this academic planning guide to assist you and your child in the selection of courses. As you read the choices you might find several new and exciting opportunities this year. For instance, students will be able to enroll in dual credit courses where they will be able to earn college credit while attending classes at CHS. The CHS family is committed to providing our students the best possible education. The course selections in this manual reflect that commitment.

Please read this academic planning guide carefully to ensure that you and your child are making the appropriate selections. Use this academic planning guide to develop your four year plan, being sure to check graduation requirements. The first 17 pages provide important foundation information on which to begin building your course selections. The remaining pages offer guidance in each specific subject area, which includes course descriptions, prerequisites, course credits, and sequence charts.

As in the past, our counselors and department chairpersons will advise students and make course recommendations. Parents and students, please make your selections carefully, because class size and staffing decisions will be determined by students' course selections. Any and all schedule changes **must** be made before the master schedule is completed in May. Once school starts in the fall, we must all be committed to the decisions we made in the spring.

Terry Perkins
Principal

Crosby ISD does not discriminate on the basis of sex, handicap, race, color, or national origin, in compliance with Title IX, Section 504 and Title VI. The district will take steps to assure that lack of English skills will not be a barrier to admission and participation in all career and technology programs. For more information on rights, or for grievance procedures, contact Ms. Karen Grey, Assistant Superintendent of Human Resources at 281-328-9200 Ext. 1230, or Dr. Patricia Kay, Assistant Superintendent of Student Services at (281) 328-9200 Ext.1261. Their physical location is the CISD Administration Building, located at 706 Runneburg, Crosby, Texas 77532. CISD Section 504 Coordinator Ms. Lee Moore can be reached at 281-328-9200 Ext. 1216, and the physical location for this office is 5910 Pecan St., Crosby, TX 77532

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Table of Contents

Career Planning.....	6
Credit Requirements, Grading Systems, Semester averaging & Class Rank	7-8
Registration / Course Selection and Schedule Changes.....	9
Alternate Credit Opportunities	11
Procedures for Pre-AP/AP Courses	12
Dual Credit	13-14
Academic Dual Enrollment (OnRamps)	15-16
MECA	17
Career & Technology Education – Dual Credit.....	18
Graduation Information.....	19
Distinguished Level of Achievement & Performance Acknowledgements.....	20
Graduation Requirements & Endorsements.....	22
Language Arts Sequence.....	23
Language Arts Sequence Chart	24
Language Arts	25-28
Language Arts Electives Sequence Chart	29
Language Arts Electives	30
Social Studies Sequence	31
Social Studies Sequence Chart	32
Social Studies.....	33-35
Social Studies Electives Sequence Chart.....	35
Social Studies Electives	35-36
Science Sequence.....	37
Science Sequence Chart.....	38
Science	39-41

Math Sequence	42
Math Sequence Chart.....	43
Math.....	44-46
Foreign Languages Sequence.....	46
Foreign Languages Sequence Chart	47
Foreign Languages	48-49
Physical Education, Health, Dance & JROTC Sequence Chart.....	50
Physical Education, Health, Dance & JROTC	51-52
Fine Arts Electives & Debate Sequence Chart	53-54
Fine Arts Electives & Debate	54-58
Agriculture Sequence Chart	59-60
Agriculture	61-63
Information Technology Electives Sequence Chart.....	64
Information Technology Electives	64-65
Business, Marketing & Finance Chart.....	66
Business, Marketing & Finance Electives	66-67
Hospitality & Tourism	68
Arts, Audio/Visual Technology and Communications.....	69-71
Education and Training.....	72-73
Health Science.....	73
Other Electives	74-76
Eligibility Requirements.....	76-77
Appendix.....	78
Crosby High School Personal Graduation Plan (PGP).....	79

CAREER PLANNING

Entering high school will be an important step for you. You will be meeting new students, teachers, counselors, principals, and other faculty members. Most likely, you also will have to learn about the rules of a new school and find your way around a larger school building. You will take new courses and start new activities. You will find that you will be expected to take more responsibility for your own decisions, school work, and actions.

An important part of your responsibilities in high school will be to choose and take courses to prepare yourself for the future. Remember, your high school program and your success in it will affect what you may do after you graduate.

Think about your future

Perhaps you have already begun to think about what to do after high school. You may be considering going to college. You may be wondering about attending another type of school, such as a technical school. You may be thinking of preparing for a job or for military service. Perhaps you may not be sure what you want to do.

Many Careers Require Education After High School

You do not have to make a final decision now about your plans after high school. You are still growing and changing. You may need time to explore many possibilities before deciding what you will do. You will, however, have to choose a high school program of studies (Endorsement). In choosing your endorsement, it is important to remember that many careers require a college education or further vocational/technical training after high school.

Who Can Help You Choose Your Program Of Studies?

Your parents may be your best advisers in choosing an endorsement. They understand your personality and abilities. They know your interests, likes, dislikes, and strengths. They also can tell you about things they have learned from their own education and work, which can help you in making decisions. After you and your parents have read this booklet, talk with them. Discuss with them your thoughts and concerns about high school and your future.

Your school counselor can assist you to better understand your goals, high school programs, and careers. Be sure to meet with your counselor for help in deciding which direction to take in high school. Students are encouraged to utilize all resources for college/career searches.

You can get ideas from your teachers about high school programs which might be best for you. They know the work you have done in their subjects and will be able to make suggestions about your program of studies. Talk with the Next Level Center staff, too. The advice of your teachers and Next Level Center can be very useful to you in making your choices.

Other people, who know you well, such as your relatives and friends, can also help you. Consider getting their ideas.

There may be some careers that seem interesting to you. If there are, talk with people in those careers to get information for planning your program of studies. They can tell you about their work and the kind of education needed for it. You may want to use this information in choosing the program and courses you will take.

CREDIT REQUIREMENTS, GRADING SYSTEMS and CLASS RANK

LOCAL VS. STATE CREDIT

State credit means that the State of Texas recognizes the course for credit. Local credit is awarded to students taking courses that are locally approved and are not recognized by TEA for graduation.

***STUDENTS INVOLVED IN EXTRA CURRICULAR ACTIVITIES MUST BE ENROLLED IN FIVE (5) CLASSES THAT ARE STATE OR LOCAL CREDITS WITH THE EXCEPTION OF OFFICE AIDE.**

HIGH SCHOOL COURSES TAUGHT AT MIDDLE SCHOOL:

High school credit courses taken at the middle school are not included in GPA, but are reflected on the high school transcript.

Algebra I (PAP): This course will fulfill a math credit in high school.

Professional Communications (Speech): This course will fulfill the high school speech requirement.

Health: This course will fulfill a high school elective requirement.

Spanish I: This course will fulfill part of the high school foreign language requirement.

Theatre Arts: This course will fulfill a high school elective or fine arts requirement.

Art I: This course will fulfill a high school elective or fine arts requirement.

Principles of Manufacturing: This course will fulfill a high school elective credit.

Principles of Construction: This course will fulfill a high school elective credit.

Digital Media: This course will fulfill a high school elective credit.

Principles of Human Services: This course will fulfill a high school elective credit.

GRADE LEVEL CLASSIFICATION

The student will participate in the activities of the class assigned at the beginning of the school year. The following classifications apply to current 9th, 10th, 11th and 12th graders:

CLASSIFICATION*	CREDITS
Freshman (Ninth Grade)	0 – 4.5
Sophomore (Tenth Grade)	5 – 11.5
Junior (Eleventh Grade)	12 – 17.5
Senior (Twelfth Grade)	18 credits or more**

*A transfer student will be assigned a grade classification in accordance with the policies of the Crosby Independent School District, upon receipt of an official transcript from the sending school.

** Fourth year students must have 18 accumulated credits that count toward state graduation requirements (two credits each from the four core content areas must be completed in order to be classified as a senior).

HONORS: VALEDICTORIAN, SALUTATORIAN, HONOR GRADUATES

To be eligible for the honors of Valedictorian and Salutarian, a student must have been continuously enrolled in the District high school for the four semesters immediately preceding graduation. The students with the highest and second highest Grade Point Average (GPA) will be designated as Valedictorian and Salutarian, respectively providing they meet the residency policy. In the event two students in contention for either honor have the same GPA, the District will first compute the weighted GPA to a sufficient number of decimal places until the tie is broken, and second the District will compute the GPA of weighted courses taken by each student involved in the tie.

For graduation honors (Valedictorian, Salutarian, Honor Graduates), a student's scholastic rank will be determined by dividing the total number of semester grade points by the number of grades accumulated at Crosby High School during grades 9 – 12 beginning with the first full semester of attendance, excluding summer school sessions, night school, credit by exam, distance learning courses, homeschool, or foreign study; during grades 9 – 11 and the first three grading periods of the 12th grade year. Honor graduates will be the top 10% of the senior class by rank in grade point average. Students who have earned graduation honors (Valedictorian, Salutarian, Honor Graduate) must have completed all coursework required by Crosby High School for graduation and the grade received by the school by the last teacher the day before graduation.

GRADING SYSTEM

CLASS RANK

Graduates of 2018 and beyond

Grade	Advanced	Honors	Regular	
A	100	6.0	5.0	4.0
	99	5.9	4.9	3.9
	98	5.8	4.8	3.8
	97	5.7	4.7	3.7
	96	5.6	4.6	3.6
	95	5.5	4.5	3.5
	94	5.4	4.4	3.4
	93	5.3	4.3	3.3
	92	5.2	4.2	3.2
	91	5.1	4.1	3.1
B	90	5.0	4.0	3.0
	89	4.9	3.9	2.9
	88	4.8	3.8	2.8
	87	4.7	3.7	2.7
	86	4.6	3.6	2.6
	85	4.5	3.5	2.5
	84	4.4	3.4	2.4
	83	4.3	3.3	2.3
	82	4.2	3.2	2.2
	81	4.1	3.1	2.1
C	80	4.0	3.0	2.0
	79	3.9	2.9	1.9
	78	3.8	2.8	1.8
	77	3.7	2.7	1.7
	76	3.6	2.6	1.6
	75	3.5	2.5	1.5
	74	3.4	2.4	1.4
	73	3.3	2.3	1.3
	72	3.2	2.2	1.2
	71	3.1	2.1	1.1
F	70	3.0	2.0	1.0
	69 or Below	0.0	0.0	0.0

A student's scholastic rank will be determined by dividing the total number of semester grade points by the number of grades accumulated at Crosby High School, grades 9 – 12, beginning with the first full semester of attendance.

The following courses will be included in class rank calculation:

1. ELA, mathematics, science, social studies, Economics;
2. Languages other than English
3. Dual Credit ELA, math, science, social studies, Economics, LOTE, Bible and Its Influence, and AP European History

The following courses will NOT be included in class rank calculation:

1. Correspondence courses
2. Credit by exam or CLEP exams
3. On-line dual credit courses
4. Dual credit courses taken at colleges (CTE), universities and courses that do not appear in the student's schedule.
5. On-line or electronic courses (Edgenuity)
*Edgenuity courses are not approved by the NCAA
6. Summer school courses
7. Local credit courses
8. Duplicate courses (**Courses cannot be repeated only to improve GPA**). (Courses only repeated if the student failed the course and must take it again to gain credit in the course.)
9. Home school courses
10. Other elective, Pre-AP, or AP courses not approved for calculation in GPA and rank.

The District shall categorize and weight eligible courses as Advanced, Honors, and Regular in accordance with provisions of local policy EIC(Legal).

Class rank will be reported to an institute of higher learning as an exact rank or as a percentile as requested by the student or university.

Automatic admission to any Texas state college (except Univ. of Texas at Austin) is granted to any senior graduating in the top 10% of class, provided all college entrance requirements are met.

GRADING SYSTEM: Grade points are assigned based on the level of the course. Class rank is derived from the assigned grade points. Numerical grades are awarded in all courses. Grade points are assigned to eligible courses and are based on both the level completed and numerical grade received in each course. LEVEL (4.0), PRE-AP (5.0), and AP, Dual Credit, MECA (6.0). Thus, the same numerical grade earned would vary in grade points, depending on the level of the courses.

SEMESTER AVERAGING:

FULL CREDIT: for both semesters of a two-semester course when a student earns a passing grade only for the first or second semester of a course, and the combined average of the two semesters is 70 or higher.

PARTIAL CREDIT: when a student earns a passing grade in only one semester of a two-semester course and the combined grade for the two semesters is lower than 70, the District shall award the student credit for the semester with the passing grade. The student shall be required to retake only the semester in which he or she earned the failing grade.

REGISTRATION / COURSE SELECTION AND SCHEDULE CHANGES

REGISTRATION INSTRUCTIONS

Students should carefully select courses to meet admission requirements for college, vocational school, community college or other training for a career which requires special preparation. Selecting courses for next year demands your careful consideration. **Appropriate course selection in order to meet ALL graduation requirements is the responsibility of the parent and student.** Wise choices and concern now will help you to experience a more profitable and pleasant school year.

We urge both parents and students to study this academic planning guide carefully before selecting courses for high school. Your teachers, counselors and principal will be glad to discuss specific problems with you. Whatever your plans are, they may be considered tentative, because the changing of plans is part of the process of maturation. Nevertheless, the development of a **“personal graduation plan”** should be made with the utmost care and seriousness. Please study each page carefully before selecting your subjects in order to meet the goals desired on your four-year plan.

General Guidelines

1. A student may earn a maximum of two credits required for graduation by correspondence provided the two credits are taken from The University of Texas at Austin, Texas Tech University, Texas Virtual School Network and have prior approval from your high school administration.
2. Students may graduate in the summer by taking courses at another school and receive diplomas from Crosby if these courses *do not exceed two units*.
3. Follow the guide below for a successful registration:
 - Study the registration information carefully.
 - Discuss your plan and course selection with your parents.
 - Be sure that you have had or will have appropriate prerequisites for every class.
 - If you failed a course from the previous year, attend summer school or reschedule to take the course the following year.
 - Be sure that you are scheduling enough courses to earn sufficient credits toward graduation.
 - Determine whether it will be necessary or advisable for you to go to summer school.
 - Determine whether you are eligible to register for the courses which you selected in regard to grade level, course prerequisite, or grade prerequisite.
 - Seek help from your counselor if you need additional information.

SCHEDULE CHANGES

Before Next School Year

Students are given curriculum and registration information each spring. Students then sign up for their classes through individual meetings with counselors. In the spring, current students, including middle school students, received three opportunities to view their course requests and make changes. Because student course requests determine master schedule construction and the hiring of teachers, all course change requests must have been made **before** the summer. The only changes that will be considered after May are scheduling corrections or level changes. Once the summer begins, there will be no elective changes made to students schedules. Each year, some courses may not be offered for a variety of reasons.

Note: There may be times that administration will need to change schedules in order to balance class sizes (Leveling).

For Level Changes – Pre-AP & AP

Schedule changes for Pre-AP and AP drops will **ONLY** be considered at the **END** of the first 3-weeks, 9-weeks, and 1st semester. AP/PAP drops require a written request by a parent, a recommendation by the Pre-AP or AP teacher and counselor, and Principal approval. When approved, the grade earned in the Pre-AP or AP course will be transferred to the regular course. ***Pre-AP and AP level drops will not be approved after the fall semester.***

TEKS Based Instruction Crosby High School courses are guided by the Texas Essential Knowledge and Skills (TEKS). Class changes that result in gaps in the TEKS will not be approved. Semester credit cannot be gained unless the opportunity to meet all TEKS for a specific course is present.

ALTERNATE CREDIT OPPORTUNITIES

CAMPUS PERMISSION

Students who wish to take any course outside of the traditional schedule must get administrative approval. This includes correspondence courses, Virtual online courses, credit by exams, summer school and any college summer or mini-mester courses. This allows the school the opportunity to evaluate the program to determine what, if any, credit can be awarded. For more information about any of the programs listed below, please see your Counselor.

SUMMER SCHOOL/ DUAL CREDIT MINI-MESTER COURSES

Summer school/ mini-mester courses will be awarded according to the same guidelines which apply to courses taken during the regular school year. Summer school courses/ mini-mester courses will *not* be included in rank/GPA calculations. Please see your counselor for approval.

NIGHT SCHOOL

Students may earn high school credit for courses taken at approved night schools with prior counselor approval. Information is available upon request.

CORRESPONDENCE COURSES

Correspondence courses are courses taken through the mail or online for high school credit. Correspondence courses must be taken from state-accredited institutions of higher education and approval is required prior to enrollment. The deadline for graduating students to complete correspondence or online coursework and take required exams is March 15th of each school year.

- Correspondence course grades are entered on the student's transcript and GPA calculation is not affected.
- Grades must be received for graduation purposes by March 15th.

CREDIT-BY-EXAM/EXAMINATION FOR ACCELERATION

There are two types of Credit by Exams:

- Credit by Exam for Credit Recovery (taken class and failed):
 - A student who has received prior instruction in a course or subject, but did not receive credit for it, may, in certain circumstances, be permitted to earn credit by passing an exam on the essential knowledge and skills defined for the course or subject. To receive credit, a student must score at least 70 on the exam.
 - Students may not take a credit by exam for the purpose of recovering credit while they are still enrolled in the course. For seniors this means that students are not eligible to take an exam for recovering credit until the final exams begin. Students are responsible for paying a deposit associated with the cost of the exam. The grade of the test will be recorded on the transcript, but GPA calculations will not be affected.
- Credit by Exam for Acceleration (not taken class before):
 - A student will be permitted to take an exam to earn credit for an academic course for which the student has not had prior instruction. The student must score a **80 or above** in order to receive credit. These scores are not computed in the GPA.
 - Approved exam providers: College Board Advanced Placement, College Level Examination Program (CLEP), Texas Tech University CBE's, University of Texas at Austin CBE's
- *The National Collegiate Athletic Association (NCAA) guide states that these examinations do not count for core Grade Point Average in determining eligibility.*

VIRTUAL ONLINE COURSES

The District is offering online courses through Texas Virtual School Network(TxVSN). The current curriculum includes electives, foreign languages, and advanced placement courses that are all aligned to the state's TEKS standards. Please note that online learning is not appropriate for every student. Students must be counseled and guided in selecting the form of learning that best meets their needs.

PROCEDURES FOR PRE-ADVANCED PLACEMENT/ ADVANCED PLACEMENT COURSES

GENERAL INFORMATION

Pre-AP and AP courses offer a more rigorous curriculum conducive to success on college entrance exams and acceptance into colleges/universities. The higher level thinking skills and activities found in Pre-AP and AP courses require a commitment of study, effort, and participation above a standard level course. These skills transfer into excellent preparation for advanced, college level study. In order to encourage students to take Pre-AP and AP courses, extra points are awarded onto a student's grade point average for eligible AP (6.0 point grading system) and Pre-AP (5.0 point grading system) courses taken. (See Grading System p.7-8) For most students, qualifying for Pre-Advanced Placement or Advanced Placement courses is based on student interest, past performance, teacher recommendation, and parental approval. Enrollment in these courses should be based on interest as well as ability, since the curriculum requires more advanced and intensive work. Advanced Placement courses prepare a student for the Advanced Placement Examinations given by the College Board. A successful score, stipulated by the university, on an Advanced Placement Examination determines the student's college placement and/or credit for the courses taken in high school. Information for AP score acceptance may be found at: <http://apcentral.collegeboard.com/home>

ADVANCED PLACEMENT: COLLEGE BOARD

The Pre-Advanced Placement and Advanced Placement courses offered at the high school level seek to provide students with opportunities for creative and critical thinking and problem solving. Students enrolled in Advanced Placement courses are eligible to possibly earn college credit through a College Board advanced placement examination. Students are required to pay for AP exams. Advanced Placement courses offered at Crosby High School are listed in the following chart.

- *AP English III - Language
- *AP English IV - Literature
- *AP Spanish IV
- *AP Calculus
- *AP Human Geography
- *AP World History
- *AP United States Government
- *AP United States History
- *AP European History
- *AP Macroeconomics
- *AP Biology
- *AP Physics
- *AP Chemistry
- *AP Environmental Science
- *AP Psychology
- AP 2D Art

Courses denoted with an asterisk (*) will count towards rank calculation and GPA (level 6.0). Elective and Online courses do not count towards rank calculation and GPA.

ACADEMIC DUAL CREDIT (Lee College)

GENERAL INFORMATION

A dual credit course is a college course taken by a high school student for which the student earns both college and high school credit. Participating in the dual credit program enables students to make substantial progress toward their college degree before finishing high school. Dual academic credit courses are also useful in fulfilling the requirements of the Distinguished Achievement High School graduation program. Dual academic credit courses are graded on the 6.0 grading system (fine arts and electives courses are not included in GPA).

Other advantages include:

1. Convenience. Courses are taught at the high school campus, at the college, or online depending on the arrangements made with the high school and/or participating colleges.
2. Close to home. Learn what college professors expect while still in familiar surroundings.
3. Student Success. Successful completion of college-level courses helps you be successful in making the transition to a college campus later.

Dual credit academic classes taught at Crosby High School are taught by a teacher at CHS and/or a college adjunct professor.

Students will be responsible for tuition, fees, and all textbooks. Current tuition is set at \$125 per course, per semester. This amount is subject to change based on decisions made by the college.

Students must apply to Lee College via Apply Texas at www.applytexas.org and meet all college deadlines for admissions and for payment.

ENROLLMENT ELIGIBILITY

Qualifying Scores

Students must meet the Texas Success Initiative Assessment (TSIA) requirements before being allowed to take a Dual Credit course. The TSI Assessment is a program designed to help your institution determine if you are ready for college-level course work in the general areas of reading, writing and mathematics. The TSIA will be administered at CHS by the college staff. Students who miss this testing opportunity at CHS must make arrangements to test at Lee College. See TSIA booklet for exemptions or visit their website at www.thecb.state.tx.us/DE/TSI (See #2 and click on TSI/exemptions).

TSIA Exemptions:

A student may be exempt from TSIA testing if they:

- Have met the minimum college readiness standard on SAT (480 CR and 530 M), ACT (23 composite, 19 minimum on Math, Reading and Writing)
- Have successfully completed college-level English and math courses.

Other Requirements

1. Meet established admissions requirements at the Junior College as well as appropriate prerequisites for any course.
2. Comply with the state-mandated Texas Success Initiative Assessment (TSIA) program.
3. Take applicable placement tests prior to enrolling.
4. Complete the dual credit request form and acquire the appropriate school and parental signatures.
5. Pay the reduced costs associated with taking a dual credit college course.

The following courses are currently offered for Dual Credit at Crosby High School in cooperation with Lee College:

College Course Name	College Code	High School Course Name	Online / Face to Face
Learning Pathways	EDUC 1200	College Readiness	Face to Face
Art History	ARTS 1303	Art	Online
Art Appreciation	ARTS 1301	Art	Online
Sociology	SOCI 1301	Sociology	Online
Psychology	PSYC 2301	Psychology	Online
Economics- Macro	ECON 2301	Economics	Online
Federal Government	GOVT 2305	US Government	Online
Intro to Physical Fitness	KINE 1164	Dual Physical Education	Online
*College Algebra	MATH 1314	Dual College Algebra	Face to Face
*History of US to 1877	HIST 1301	US History A	Face to Face
*History of US since 1877	HIST 1302	US History B	Face to Face
*English Comp 1	ENGL 1301	English 3A, English 4A	Face to Face
*English Comp 2	ENGL 1302	English 3B, English 4B	Face to Face
*Engl Lit-Beowulf to Romantic	ENGL 2322	English 4A	Face to Face
*Engl Lit-Romantic to Present	ENGL 2323	English 4B	Face to Face
*General Biology I	BIOL 1406	Dual Biology A	Face to Face
*General Biology II	BIOL 1407	Dual Biology B	Face to Face
*Human Anatomy I	BIOL 2401	Anatomy & Physiology A	Face to Face
*Human Anatomy II	BIOL 2402	Anatomy & Physiology B	Face to Face
*Public Speaking	SPCH 1315	Communication Applications	Face to Face

Courses denoted with an asterisk (*) will count towards rank calculation and GPA (level 6.0). Elective and Online courses do not count towards rank calculation and GPA.

Learning Pathways, EDUC 1200, is a prerequisite for all Lee College dual credit courses for incoming freshman and 2019-20 10th grade students.

Incoming freshman must take the TSI prep course.

DUAL CREDIT COURSES OFFERED ON LOCAL COLLEGE CAMPUSES

See Career & Technical Dual Credit courses on pages 18.

Articulated Courses – Career and Technical courses that are designated as an Articulated Course are eligible for college credit. Students who attend colleges that participate in the ATC program after high school can request to receive college credit for those courses if they receive the required grade. Since articulated courses at CHS vary from year to year, students taking CTE courses should ask their teachers what they are articulated in and how to request college credit for the courses that are articulated. Students may have to take an exam to qualify for articulation or earn a required grade in the course. For a list of ATC participating colleges, see the high school website under Career and Technical Education.

ACADEMIC DUAL ENROLLMENT

The University of Texas at Austin OnRamps

GENERAL INFORMATION

A dual enrollment course allows a student to be concurrently enrolled in a high school course and a post-secondary (college) course. The University of Texas at Austin OnRamps' dual-enrollment program brings rigorous courses aligned with the high standards and expectations of UT directly to students on their own high school campus through a hybrid delivery approach. Students earn UT Austin credit from a UT faculty member and high school credit from their local teacher. All OnRamps courses can be applied to the Texas Common Core and are guaranteed to transfer to any public institution in Texas. OnRamps high school courses are graded on the 6.0 grading system.

Other advantages include:

1. Convenience - Courses are taught exclusively on the high school campus. CHS Onramps teachers are intensively trained, supported and certified by UT Austin.
2. Close to home – Students experience the expectations of a college course while still in familiar surroundings.
3. Student Success - Successful completion of college-level courses leads to success in making the transition to a college campus later.
4. Options - College credit for the courses can be declined, if desired, with the course still fully counting toward high school credit requirements.

The 84th Legislature provided the funding for 100% of the costs for student participants and teacher training; funding for future years will depend on legislative decisions.

PROCESS

1. Students are enrolled in a yearlong course taught by their high school teacher for high school credit.
2. During the fall semester OnRamps students must complete a series of required assignments that are designed by an Instructor of Record at The University of Texas at Austin and earn a grade of 75% or better on the required assignments to be eligible to be dually enrolled in the university course offered during the spring semester.*
3. During the spring semester OnRamps students must complete a series of additional required assignments that are designated by the university's Instructor of Record to determine successful completion of the college course.
4. The university's Instructor of Record will award students the appropriate grade based on their performance for the college course. The high school teacher will separately award credit for the grade earned in the high school course, which may differ from that for the college course.

*Students choosing to take the OnRamps ELA course will complete two UT courses, RHE306K and RHE309K, to complete one year of high school English and receive one high school credit. OnRamps ELA students have the potential to earn six college credits, three for each semester.

ENROLLMENT ELIGIBILITY, COURSE OFFERINGS AND PREREQUISITES

Students enrolled in OnRamps courses do not require admission to the university to earn college credit for the courses. Taking a college entrance exam or equivalent is also not a requirement.

Discipline	OnRamps Course Title(s)	HS Course Equivalent	Prerequisites	The UT Course Equivalent	Texas Core Code or TCCN Equivalency
English (ELA)	Research and Writing (Semester One) Reading and Writing the Rhetoric of American Identity (Semester Two)	English IV	Credit for English I, II, III, and ELA teacher recommendation	RHE 306K (Semester One) RHE309K (Semester Two)	Texas Core Code O10, TCCN Eng 1301 (Semester One) TCCN Eng 1302 (Semester Two)
Mathematics	Statistics	Statistics	Credit for Algebra II, Geometry, and mathematics teacher recommendation	SDS 302	Texas Core Code 020
Science	Earth, Wind and Fire: Introduction to Geoscience	Earth and Space Science	Credit for Biology, Chemistry and science teacher recommendation	GEO 302E	Texas Core Code O30
Computer Science (CTE)	Thriving in Our Digital World	Computer Science Elective	Credit for Algebra I and Principles of Info Tech	CS 302	Texas Core Code 093

MODIFIED EARLY COLLEGE ACADEMY - MECA

GENERAL INFORMATION

This is a two-year early admission program, beginning in the junior year that gives high school students the opportunity to earn an Associate Degree while also earning a high school diploma. **MECA** students will be enrolled in 23-26 college credit hours within each year of the **MECA** program. In addition, students will be required to meet the requirements of the Associate Degree. ** Academic **MECA courses taken are on a 6.0 grading system.****

BENEFITS of MECA

- Early start earning college credits
- Quality instruction in a small academic environment
- Bridge from high school to college life
- Save money - Dual Credit courses are offered at a discounted price!
- Opportunity to earn an Associate Degree along with the high school diploma within two years.

LOCATION of MECA Classes

All classes are held at San Jacinto Community College District North Campus. The **MECA** students attend college courses in the morning, then return to Crosby High School for the remainder of the day to continue their classes on their home campus. Transportation is provided by the school district on official CISD school days.

QUALIFICATIONS for admittance into MECA

Qualifications for the **MECA** Program require that students must meet TSI requirements, admission requirements and complete a **MECA** application. Students must have completed the PAP Algebra II course with a grade of C or better.

Consider Carefully

- These are college classes, not high school, and these classes require more effort and time.
- How many extracurricular activities are you involved in?
- Will you have enough time to devote to a full college load?
- Your maturity level
- Your academic abilities
- Your time management skills
- Your self-discipline and personal motivation
- Your commitment and dedication
- Academic dual credit courses are on the 6.0 grade weight scale
- Student may be removed from the MECA program if they do not meet grade requirements.

CLASSES

Classes and degree pathways will be determined by SJC.

COSTS

The cost of tuition and fees for courses taken as "dual credit" by the **MECA** students will be charged at a discounted price.

CAREER & TECHNICAL EDUCATION (CTE) DUAL CREDIT COURSES

GENERAL INFORMATION

The world of work is rapidly changing as existing jobs become more complex and new jobs demand increased levels of education. Students must acquire advanced technical skills, increased academic competencies, and greater problem-solving abilities to become successful citizens and employees of the future. The CTE programs of the Crosby Independent School District offer challenging courses of study, which ensure the acquisition of more technically oriented knowledge and skills. These coordinated sequences of academic and technical courses prepare students for lifelong learning including advanced study at community colleges, technical institutions, and four-year colleges and universities. Students electing to take a CTE sequence of courses will have the focus and structure necessary to maximize post-secondary study and work, as well as to meet the needs of the nation's workplace. Through local articulation agreements with **San Jacinto College**, **Lee College**, and **state-wide articulation programs with participating community colleges**, Crosby High School students in a CTE program can earn college credit while still attending CHS.

GOALS

Students graduate from high school with the training necessary to pursue careers in their chosen fields. Students obtain college credit while in high school so they will be more successful in the transition from school to the workplace and/or college.

LOCATION/TRANSPORTATION

Programs are offered by San Jacinto College and Lee College. Students are provided round trip bus transportation from CHS to San Jacinto College. Analytical Instrumentation is taught by a Lee College instructor on the Crosby High School campus.

COST

The tuition of technical courses is paid for by Crosby Independent School District**. ***Students are responsible for purchasing textbook and materials for their program. Prices vary by program and by year.*** An estimate per program is included in the detailed information about each field of study. (**Students must maintain a "C" or better in all courses to remain in the program).

QUALIFICATIONS

Students must meet TSI requirements.

PROGRAMS AVAILABLE

San Jacinto College

Automotive Collision Repair Technology
Cosmetology
Criminal Justice
Diesel Technology
Electrical Technology
Emergency Medical Technology
Engineering Design Graphics
Pipefitting
Pharmacy Technician
Welding Technology
Medical Assistant
Construction Management
Commercial Air-conditioning Technology

Lee College

Analytical Instrumentation
Welding

For more information about our Dual Credit CTE programs visit us on the web at <http://crosby.esc11.net/Page/8409>

Graduation Information

Requirements for a Diploma

To receive a high school diploma from the district, a student must successfully:

- Complete the required number of credits (Foundation Plan with Endorsement);
- Complete any locally required courses in addition to the courses mandated by the state; and
- Pass the required STAAR End of Course (EOC) Assessments by achieving the “approaches performance standard”.

The STAAR EOC assessments are required for students enrolled in Algebra I, Biology, English I, English II, and United States History. Students who have not met the “approaches performance standard” on the EOC assessments will have the opportunity to retake the assessments. EOC’s are administered three times per year: spring, summer and fall.

If a student fails to perform satisfactorily on an EOC assessment, the district will provide remediation to the student in the content area for which the performance standard was not met. One option for remediation is a course specifically designed to remediate underprepared students in the content in which they are in need of remediation the most.

Appropriate course selection to meet ALL graduation requirements is the responsibility of the parent and student.

GRADUATION PROGRAMS

***Foundation High School Program (FHSP)** (22 credits)

(*Application and administrative approval required; will limit post-secondary opportunities)

Foundation High School Program with Endorsements (26 credits)

(Opportunity to earn the *Distinguished Level of Achievement and Performance Acknowledgements*)

*See Student Handbook for more information on Graduation Programs

DISTINGUISHED LEVEL OF ACHIEVEMENT & PERFORMANCE ACKNOWLEDGEMENTS

DISTINGUISHED LEVEL OF ACHIEVEMENT

PURPOSE

A student must earn the Distinguished Level of Achievement to be eligible for top 10% automatic admissions to Texas public 4-year institutions.

REQUIREMENTS

- Successfully complete the Foundation Curriculum
- 4 credits of mathematics, which must include Algebra II
- 4 credits of science
- Curriculum requirements for at least one endorsement

PERFORMANCE ACKNOWLEDGEMENTS

A student may earn a **performance acknowledgement** on the student's diploma and transcript for outstanding performance

- in dual credit courses
 - requires at least 12 hours of college academic courses in the Texas core curriculum, advanced technical credit, and/or locally articulated courses, with a grade of 3.0 or higher on a scale of 4.0; **or**
 - earns an associate degree while in high school
- in bilingualism and bi-literacy
 - must complete all English language arts requirements and maintain a minimum grade point average of the equivalent of 80 on a scale of 100; **and** one of the following:
 - complete 3 or more credits in the same language in a language other than English with a minimum GPA equivalent to an 80 on a scale of 100; or
 - demonstrate proficiency in the TEKS for Level IV in a language other than English with a minimum GPA of 80 on a scale of 100; or
 - score a 3 or higher on a College Board AP exam for a language other than English

An English language learner must have:

- participated in and met the exit level criteria for the LEP program; and
- scored at the Advanced High level on TELPAS
- on an AP test
 - by earning a score of 3 or above on an AP test
- on the PSAT, SAT®, or the ACT®
 - by earning a PSAT score that qualifies the student for recognition as a commended scholar or higher by the National Merit Scholarship Corporation
 - earning scores of at least 410 on the evidence-based reading section and 520 on the mathematics section of the SAT®; or
 - by earning a composite score on the ACT® of 28 (excluding the writing subscore)
- for earning a nationally or internationally recognized business or industry certification or license

GRADUATION REQUIREMENTS

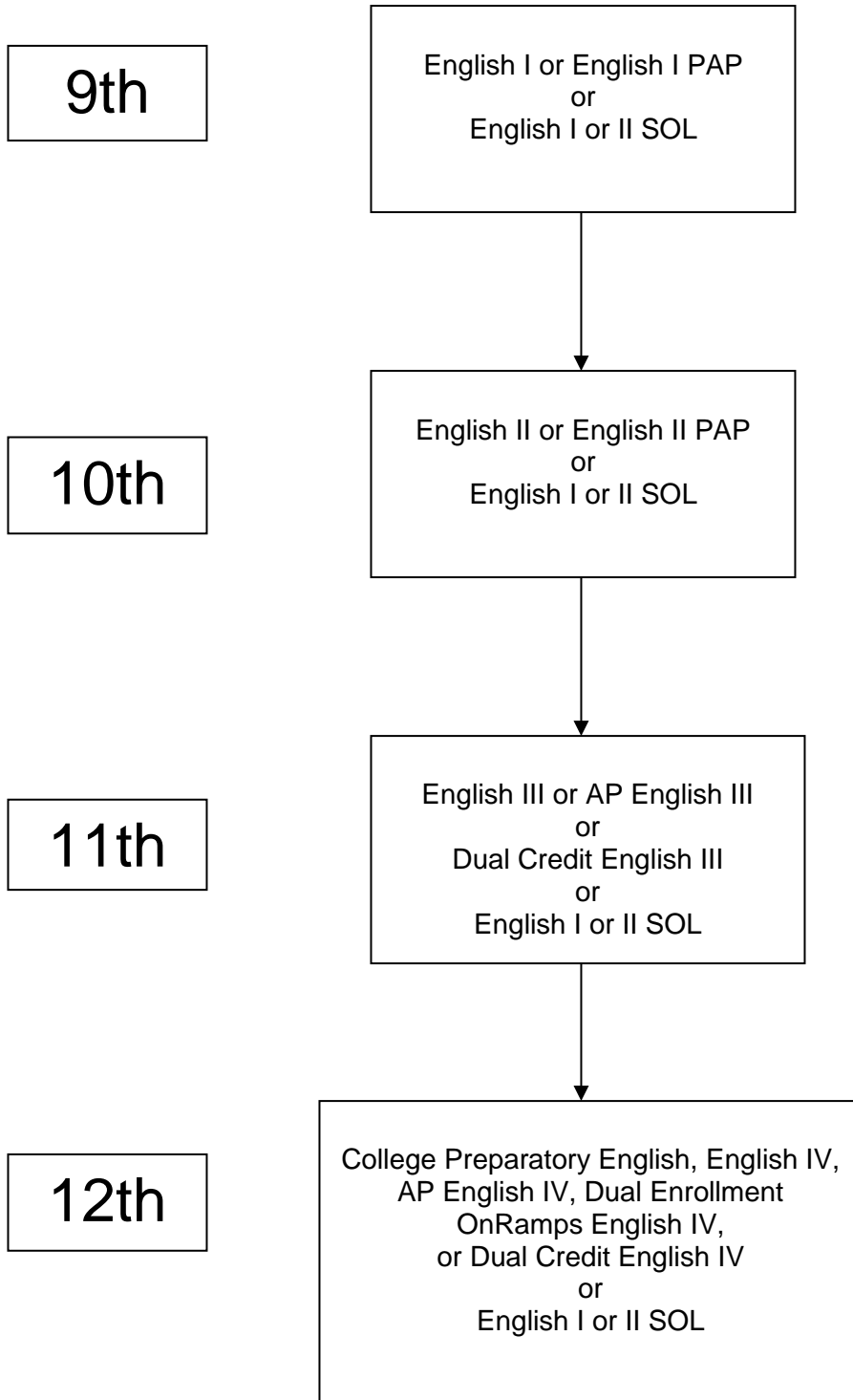
Foundation High School Program with Endorsements

Crosby High School/ Crosby ISD - The Endorsements

A student must complete the Foundation High School Program (22 credits), one additional math credit, one additional science credit, a ½ credit for speech and additional elective credits in the specific requirements of his/her selected endorsement for a total of 26 credits.

STEM <i>Science, Technology, Engineering, & Math</i>	Business & Industry	Public Services	Arts & Humanities	Multidisciplinary Studies
<p>Students may earn a STEM endorsement by selecting and completing the requirements from among these <u>3</u> options.</p> <p>Note: Algebra II, Chemistry, and Physics are required for the STEM endorsement <u>regardless</u> of the option the student selects from below.</p> <p>Option 1: CTE Students earn four (4) CTE credits by taking at least two (2) courses in the same cluster that lead to a final course in the STEM cluster. At least one (1) of the courses must be an advanced CTE course (3rd year or higher course in a sequence).</p> <p>Option 2: Math Students take Algebra I, Geometry, and Algebra II AND two (2) of the following courses for which Algebra II is a prerequisite.</p> <ul style="list-style-type: none"> • Pre-Calculus PAP • Pre-Calculus PAP • Calculus AP • Statistics AP • ONRAMPS Statistics • College Algebra <p>Option 3: Science Students take Biology, Chemistry, and Physics, AND two (2) of the following courses.</p> <ul style="list-style-type: none"> • AP Chemistry • AP Biology • Anatomy & Physiology • AP Physics 1 • AP Physics C • Dual Credit Biology • Forensic Science • Advanced Animal Science • AP Environmental Systems • Environmental Systems 	<p>Students may earn a Business & Industry endorsement by selecting and completing the requirements from among these <u>3</u> options.</p> <p>Option 1: CTE Students earn four (4) credits by taking at least two (2) courses in the same cluster in one of the following areas</p> <ul style="list-style-type: none"> • Agriculture, Food, and Natural Resources • Arts, Audio/Video Technology, and Communication • Finance • Hospitality and Tourism • Information Technology • Marketing <p>with at least one (1) advanced (3rd year or higher course in the sequence).</p> <p>Option 2: English Students take four (4) English elective credits that include three levels in one for the following areas</p> <ul style="list-style-type: none"> • Advanced Journalism: Newspaper or Yearbook • Debate <p>Option 3: Technology Students take four (4) technology credits selected from of the following courses.</p> <ul style="list-style-type: none"> • Web Technology I • Digital Multimedia • Audio/Video Production • Computer Programming 	<p>Students may earn a Public Services endorsement by selecting and completing the requirements from among these <u>2</u> options.</p> <p>Option 1: CTE Students earn four (4) credits by taking at least two (2) courses in the same career cluster in one of the following areas</p> <ul style="list-style-type: none"> • Education and Training • Health Science • Human Services <p>With a least one (1) advanced (3rd year or higher course in the sequence).</p> <p>Option 2: JROTC Student takes four (4) JROTC courses for 4 credits.</p>	<p>Students may earn an Arts & Humanities endorsement by selecting and completing the requirements from among these <u>4</u> options.</p> <p>Option 1: Social Studies Students take five (5) social studies courses for 5 credits.</p> <p>Option 2: Foreign Language Students take four (4) levels of the same foreign language.</p> <p style="text-align: center;"><u>OR</u></p> <p>Students take two (2) levels of one foreign language AND two (2) levels of a different foreign language (two levels in each of two different foreign languages for 4 credits).</p> <p>Option 3: Fine Arts Students take four (4) courses in the same fine arts area for 4 credits</p> <p style="text-align: center;"><u>OR</u></p> <p>Students take two (2) courses in one fine arts area AND two (2) courses in a different fine arts area (two courses in each of two different fine arts areas for 4 credits).</p> <p>Option 4: English Students take four (4) elective credits selected from the following courses.</p> <ul style="list-style-type: none"> • English IV • AP English Literature & Comp • College English (Comp 1 & 2) • Communication Applications 	<p>Students may earn a Multidisciplinary Studies endorsement by selecting and completing the requirements from among these <u>3</u> options.</p> <p>Option 1: Four by Four (4 X 4) Students take four (4) courses in each of the four core content areas.</p> <ul style="list-style-type: none"> • Four (4) English credits including English IV • Four (4) math credit • Four (4) science credits including biology and chemistry and/or physics • Four (4) social studies credits <p>Option 2: AP or Dual Students take four (4) Advanced Placement (AP) courses for four (4) credits in English, math, science, social studies, foreign language, or fine arts.</p> <p style="text-align: center;"><u>OR</u></p> <p>Students take four (4) Dual credit courses for four (4) credits in English, math, science, social studies, foreign language, or fine arts.</p> <p>Option 3: CTE Students take four advanced courses for four (4) credits that prepare them to enter the workforce or postsecondary education without remediation from within one endorsement area or among endorsement areas not in a coherent sequence.</p>

Language Arts Sequence



Language Arts Sequence Chart

COURSE NAME	GRADE PLACEMENT				UNIT CREDIT (College Credit)	PREREQUISITE
	9	10	11	12		
English I	X				1	Eighth Grade English
English I PAP	X				1	Eighth Grade English Teacher Recommendation Encouraged
English II		X			1	English I
English II PAP		X			1	English I or English I PAP Teacher Recommendation Encouraged
English III			X		1	English II
AP English III – Language			X		1	English II or English II PAP Teacher Recommendation Encouraged Pass STAAR Eng I and II Exam
Dual Credit English III			X		1 (6hrs)	See Qualifying Scores in Dual Credit Guidelines p.13 \$125 fee per semester
College Preparatory English				X	1	Pass STAAR Eng I and Eng II exams, English III or AP English III
English IV				X	1	English III
AP English IV – Literature				X	1	English III or AP English III Teacher Recommendation Encouraged Pass STAAR Eng I and II Exam
Dual Enrollment OnRamps English IV				X	1 (6 hrs)	English III or AP English III, Teacher Recommendation
Dual Credit English IV				X	1 (6hrs)	Pass STAAR Eng I and II Exam; Teacher Recommendation Encouraged See Qualifying Scores in Dual Credit Guidelines p.13 \$125 fee per semester
English I & II for SOL (Speakers of Other Languages)	X	X	X	X	1	LPAC Committee Recommendation

Language Arts

English I (EN10) (03220100)

Grade 9

Credit: 1

Prerequisite - Eighth grade English

This course offers instruction and practice in the writing process, study skills, library skills, and vocabulary development. Students learn strategies to increase their reading comprehension and ability to analyze literature. Literature includes classics and modern pieces from world literature.

English I PAP (EN12) (03220100)

Grade 9

Credit: 1

Prerequisite - Teacher Recommendation Encouraged

This course includes emphasis on extensive reading, in-depth literary analysis, accelerated vocabulary, critical thinking and advanced writing skills, including the ability to write in-class, timed essays and outside process papers. Students are required to complete a summer assignment. Students learn strategies that increase their ability to handle future Advanced Placement courses. Students will prepare for standardized tests such as the PSAT/SAT, and AP exams. (5.0 Grading System)

English II (EN20) (03220200)

Grade 10

Credit: 1

Prerequisite - English I

This course reinforces and extends the reading, vocabulary, grammar and writing concepts taught in English I. Emphasis is on the writing process, vocabulary in context, grammar, and reading of classic literature.

English II PAP (EN22) (03220200)

Grade 10

Credit: 1

Prerequisite - English I or English I PAP

This course requires extensive analysis of literature (both fiction and non-fiction), accelerated vocabulary, extensive reading and in-depth writing assignments, both in-class timed writings, outside process papers, and outside assigned readings of the novels/articles, etc. Critical thinking skills are imperative. Students will prepare for standardized tests such as the PSAT/SAT, and AP exams. Students are required to complete a summer assignment. (5.0 Grading System)

English III (EN30) (03220300)

Grade 11

Credit: 1

Prerequisite - English II

This course reinforces and extends the literary and writing concepts taught in English II. Emphasis is on the writing process, ACT/SAT vocabulary, and decoding strategies. Students write literary analysis essays and a research paper during their study of American literature from the colonial period to the present.

AP English III – Language (EN33) (A3220100)

Grade 11

Credit: 1

Prerequisite - English II or English II PAP

This course, designed to be on level with first semester college English, includes in-depth analysis of short and extensive non-fiction reading assignments and intense practice in writing, both in-class timed writings and outside process papers. Reading selections include American literature from the colonial period to the present and a wide variety of essays, speeches, and letters from different time periods. Students will write at least one research paper. Students are expected to take the Advanced Placement Language and Composition test offered in May. A summer assignment is also required. (6.0 Grading System)

Dual Credit: English III (EN38) (03220300)

Grade 11

High School Credit: 1

College Course Title:

English Composition I (ENGL 1301)

English composition II (ENGL 1302)

College Credit: 6 hours

Qualifying Scores: See Qualifying Scores chart on page 13 for requirements

English Composition I

Intensive study of and practice in writing processes, from invention and researching to drafting, revising, and editing, both individually and collaboratively. Emphasis on effective rhetorical choices, including audience, purpose, arrangement, and style. Focus on writing the academic essay as a vehicle for learning, communicating, and critical analysis. This course is reading and writing intensive. Students will be expected to write 5-7 lengthy essays of various genres. \$125 fee per semester.

English Composition II

Intensive study of and practice in the strategies and techniques for developing research-based expository and persuasive texts. Emphasis on effective and ethical rhetorical inquiry, including primary and secondary research methods; critical reading of verbal, visual, and multimedia texts; systematic evaluation, synthesis, and documentation of information sources; and critical thinking about evidence and conclusions. This course is reading and writing intensive. Students will be expected to write 4 lengthy essays. \$125 fee per semester.

College Preparatory English

Grade: 12

HS Credit: 1

Prerequisite—Pass STAAR English I and English II exams, English III or AP English III

Students will learn to investigate academic texts, construct supported interpretations and arguments for an authentic audience, and acquire academic habits of thought. Reading instruction will focus on developing critical reading skills for comprehension, interpretation, and analysis. In writing, students will develop skills through composing with specific purpose, situation, genre, and audience in mind. Students will write a variety of effective formal and informal texts. To learn to integrate reading and writing, students will use an inquiry approach to analyze, synthesize, and make value judgments regarding text and writing. This course is designed to prepare students for college-level reading and writing intensive courses.

English IV (EN40) (03220400)

Grade 12

Credit: 1

Prerequisite - English III or Teacher Recommendation

This course includes extensive reading, writing, and vocabulary development of English III, with an emphasis on skills needed in college English. World literature, with an emphasis on British authors, is the course of study. At least one lengthy research paper is required.

AP English IV– Literature (EN43) (A3220200)

Grade 12

Credit: 1

Prerequisite - English III or AP English III

In the Literature and Composition course, students will have the opportunity to read poetry, fiction, and non-fiction prose from pre-sixteenth-century epics to contemporary literature. Representative works from various genres and periods will be studied through class discussion, small-group discussion, individual writing—both in timed and untimed settings—and synthetic projects to "experience...interpret...and evaluate literature." Students will write a number of essays and at least one lengthy research paper. Students are expected to take the Advance Placement test offered in May. A summer assignment is also required. (6.0 Grading System)

Dual Enrollment OnRamps English IV

Grade: 12

HS Credit: 1

College Course Titles:

Research and Writing (RHE 306K—ENGL1301 equivalent)

Reading and Writing the Rhetoric of American Identity (RHE 309K—ENGL 1302 equivalent)

College Credit: 6 hours

Prerequisites—English III or AP English III, Teacher Recommendation.

Possible fee associated with this course depends on decisions that will be made by the state legislature.

Research and Writing

This intensive reading and writing course is an exploration of argumentation that situates rhetoric as part of civic discourse. Students will analyze the various positions of public debate and understand how to advocate their own positions effectively. Students will explore the ethics of argumentation and what it means to “fairly” represent someone with whom they disagree, including where to look for credible information and how to formulate appropriate questions for research of controversial topics.

Reading and Writing the Rhetoric of American Identity

In this intensive reading and writing course students will continue their study of the rhetorical situation by analyzing and composing arguments about American identity and identity formation, both personal and cultural.

By the end of the two course sequence, students will emerge with the ability to analyze arguments presented by others and to write sound and effective arguments of their own—abilities that contribute meaningfully to their academic, professional, personal and civic lives.

Dual Credit: English IV (EN48) (03220400)

Grade 12

High School Credit: 1

College Course Title:

English Composition I (ENGL 1301)

English composition II (ENGL 1302)

College Credit: 6 hours

Qualifying Scores: See Qualifying Scores chart on page 13 for requirements

English Composition I

Intensive study of and practice in writing processes, from invention and researching to drafting, revising, and editing, both individually and collaboratively. Emphasis on effective rhetorical choices, including audience, purpose, arrangement, and style. Focus on writing the academic essay as a vehicle for learning, communicating, and critical analysis. This course is reading and writing intensive. Students will be expected to write 5-7 lengthy essays of various genres. \$125 fee per semester.

English Composition II

Intensive study of and practice in the strategies and techniques for developing research-based expository and persuasive texts. Emphasis on effective and ethical rhetorical inquiry, including primary and secondary research methods; critical reading of verbal, visual, and multimedia texts; systematic evaluation, synthesis, and documentation of information sources; and critical thinking about evidence and conclusions. This course is reading and writing intensive. Students will be expected to write 4 lengthy essays. \$125 fee per semester.

Dual Credit English IV

Grade 12

High School Credit: 1

College Course Titles:

English Literature: Beowulf to Romantic (ENGL 2322)

English Literature: Romantic to Present (ENGL 2323)

College Credit: 6 hours

Prerequisites: ENGL 1302 with a grade of “C” or better

English Literature: Beowulf to Romantic

A direct study of significant masterpieces of English literature from the earliest times to the Romantic Period with particular attention to the main currents of thought and the major writers of Britain. This course is reading and writing intensive.

English Literature: Romantic to Present

A direct study of significant masterpieces of English literature from the Romantic Period to the present with particular attention to the main currents of thought and the major writers of Britain. This course is reading and writing intensive.

**English I for SOL (EN17) (ENG1SOL) (03200600) & English II for SOL (EN27) (ENG2SOL) (03200700)
(Speakers of Other Languages)**

Grades 9-12

Credit: 1

Prerequisite - LPAC Committee Recommendation

This course has a modified curriculum based on English I & II TEKS for students whose first language is not English, and who score low on the oral and written English proficiency tests.

Language Arts

Electives Sequence Chart

COURSE NAME	GRADE PLACEMENT				UNIT CREDIT (College Credit)	PREREQUISITE
	9	10	11	12		
Newspaper I	X	X	X	X	1	Formal application and teacher approval.
Newspaper II		X	X	X	1	Newspaper I Formal application and teacher approval.
Newspaper III			X	X	1	Newspaper II Formal application and teacher approval.
Yearbook I	X	X	X	X	1	Formal application and teacher approval.
Yearbook II		X	X	X	1	Yearbook I Formal application and teacher approval.
Yearbook III			X	X	1	Yearbook II Formal application and teacher approval.
Debate I, II, III	X	X	X	X	1	Courses taken in sequence
Independent Study Debate IV				X	½	Debate I,II, III or Teacher approval
Dual Speech		X	X	X	½	TSI Qualifying Scores- reading-347, writing- 5 on essay or 4 on essay and 336 on MC \$125 fee per semester
Commercial Photography I	X	X	X	X	1	None

Language Arts Electives

Newspaper I, II, III (ELNW1,-2,-3) (NP1, 2, 3) (03230140, 03230150, 03230160)

Grades 9-12

Credit: 1

Prerequisite - Formal application and teacher approval; also, previous placement for II and III.

This course offers students the opportunity to be actively involved in the gathering, writing, editing, and photographing of the news in the school community. Students will be responsible for the total production, layout and design of the school newspaper using desktop publishing software. Interested students should have good writing and computer skills. Applications are accepted in February for the following year's Cougarpolitan Staff.

Yearbook I, II, III, IV (ELYB1,-2,-3,-4) (YBK1, 2, 3,TADGDMP) (03230110, 03230120, 03230130, 03580400)

Grades 9-12

Credit: 1

Prerequisite – Formal application and teacher approval; previous placement for II and III. Applications are accepted in the spring semester for the following year's *Catamount* staff. This is a college prep course designed for students of above average academic ability and maturity level. Required class activities include selling ads during the summer, attending a week-long summer workshop, selling and marketing yearbooks, taking photographs, interviewing, writing copy, designing original layouts, maintaining accurate financial and production records, and using a wide variety of computer applications. Second and third year students are expected to develop extensive leadership and management skills. Students may also participate in UIL and produce an interactive CD supplement in the spring.

Debate I, II, III (ELDB1,-2,-3) (DEBATE1, DEBATE2, DEBATE3) (03240600, 03240700, 03240800)

Credit: 1

Grades 9-12

Prerequisite - Courses taken in sequence

These classes prepare students for competitive, formal argumentation. Debaters learn to research, analyze and defend arguments in government policy and philosophy. Tournament competition is required for Debate II, III, and IV along with required after school practices. **Debate I fulfills the speech requirement for graduation.**

Independent Study in Debate IV (ELDB4) (DEBATE 4) (84500DB4)

Credit: 1/2 Local Credit

Grades 12

Prerequisite - Debate I, II, III or teacher approval

This course is designed for the advanced student who is ready to work independently to assemble research materials and construct original printed work at an advanced level.

Dual Speech (DEL20)(COMMAPP) 03241400

HS Credit: 0.5

Grades 10-12

College Course Title:

Principles of Public Speaking (SPCH 1315)

College Credit: 3 hours

Prerequisite – Qualifying TSI scores – reading - 347, writing – 5 on essay or 4 on essay and 336 on MC SPCH 1315 meets the communication requirement for high school graduation and the oral communication college requirement. (3 college credit hours) This course includes the preparation and delivery of various types of speeches with emphasis upon such fundamental principles as self-confidence, poise, directness, posture, stress, voice, and articulation. Speech types considered include announcements, informative, persuasive, after dinner, and radio speeches.

Commercial Photography I

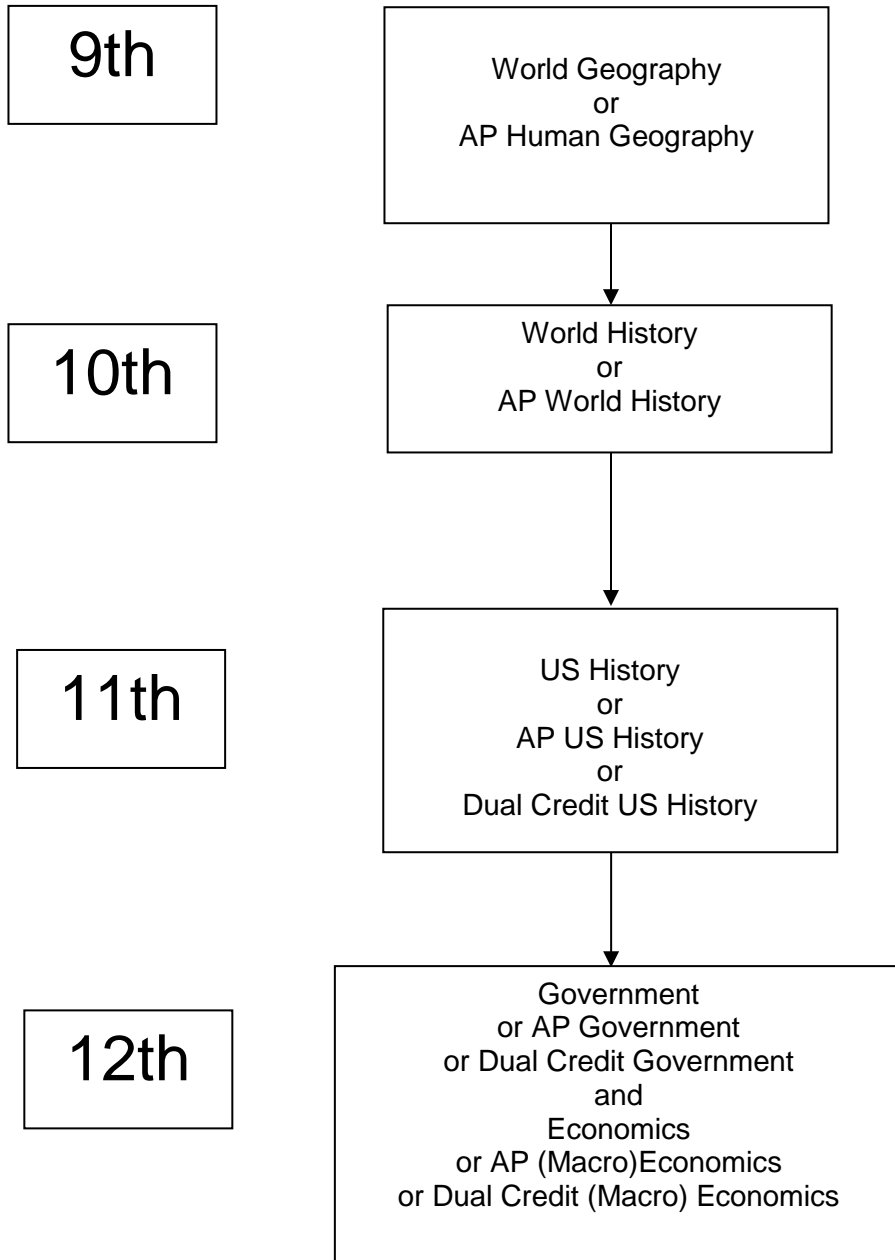
Grade Placement: 9–12

Credits: 1

Prerequisite: None.

In addition to developing 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 commercial photography industry with a focus on creating quality photographs.

Social Studies Sequence



Social Studies Sequence Chart

COURSE NAME	GRADE PLACEMENT				UNIT CREDIT (College Credit)	PREREQUISITE
	9	10	11	12		
World Geography	X				1	None
AP Human Geography	X				1	Teacher Recommendation Encouraged
World History		X	X		1	World Geography and/or United States History
AP World History		X	X		1	Preferred AP Human Geography And/or AP United States History
US History			X		1	World Geography and World History
AP US History			X		1	AP Human Geography and/or AP World History
Dual Credit US History			X*		1 (6 hrs)	Application, Request form and TSI testing requirements. EDUC 1200. Must earn "C" or better in fall to continue course in spring. \$125 tuition per semester
United States Government				X	½	None
AP United States Government				X	½	Preferred AP US History
Dual Credit US Govt				X	½ (3 hrs)	Application, Request form and TSI testing requirements. EDUC 1200. \$125 tuition per semester
Economics				X	½	None
AP Macro Economics				X	½	Preferred AP or Dual United States History
Dual Credit Economics				X	½ (3 hrs)	Application, Request form and TSI testing requirements. EDUC 1200. \$125 tuition per semester

Social Studies

World Geography (SS10) (W GEO) (03320100)

Grade 9

Credit: 1

Prerequisite - None

This course is designed to give the student a working knowledge of the location and culture of the major nations of the world. Latitude, longitude, time zones, map projections, landforms, water bodies, weather, climate and energy will be studied.

AP Human Geography (SS13) (APHUMGEOW) (A3360100)

Grade 9-12

Credit: 1

Prerequisite – Teacher Recommendation Encouraged

This course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. Students are expected to take the Human Geography Advanced Placement test offered in May. (6.0 Grading System)

World History (SS30) (WHIST) (03340400)

Grade 11

Credit: 1

Prerequisite – United States History

This course focuses on world events from the time of prehistoric people through the modern world. Causes and effects in the world's history will be covered with emphasis on analysis and interpretational skills. Geography is emphasized and how the world changes over time. Students will be expected to complete projects independently.

AP World History (SS33) (AP WHIST) (A3370100)

Grade 11

Credit: 1

Prerequisite – Prefer AP United States History

In addition to coverage of the cause and effects of events in the world's history, this course will emphasize analysis and interpretational skills. Emphasis is on the use of higher level critical thinking skills in both reading and writing as part of this course. This course is recommended for students who have completed AP Human Geography. Students will be expected to take the AP exam. (6.0 Grading System)

United States History (SS20) (USHIST) (03340100)

Grade 11

Credit: 1

Prerequisite – World Geography, World History

This is the study of American history from the post- Civil War period to the present. There will be a focus on domestic problems and accomplishments, as well as on the importance of the United States involvement in world affairs. Course work includes projects completed independently.

AP United States History (SS23) (APUSHIST) (A3340100)

Grade 11

Credit: 1

Prerequisite –AP Human Geography or AP World History preferred

The AP U.S. History program is designed to provide students with analytic skill and factual knowledge necessary to deal critically with the problems and materials in American history. This course is equivalent to a full year introductory college course and is preparation for the College Board's Advanced Placement U.S. History exam. This course is recommended for those students who have successfully completed World Geography PAP and/or World History AP. Students are expected to take the U.S. History Advanced Placement test offered in May. (6.0 Grading System)

Dual Credit United States History (SS38) (US HIST) (03340100)

Grade 11 (2018-19)

High School Credit: 1

College Course Title:

History of the US to 1877 (HIST 1301)

History of the US since 1877 (HIST 1302)

College Credit: 6 hours

Prerequisite- Qualifying scores see page 13; Score of C or better in 1301 required for 1302.

History of the US to 1877

The political, economic, social, and intellectual history of the United States from the discovery of America to 1877.

History of the US since 1877

The political, economic, social and intellectual history of the United States from 1877 to the present day. (6.0 Grading System)

United States Government (SS40) (GOVT) (03330100)

Grade 12

Credit: ½

Prerequisite – United States History

Opportunities will be provided to analyze the United States government, its functions at all levels of operation and to assist the students in understanding the rights and responsibilities of citizenship. This course will cover the origin of our governmental system and how it operates. Students will complete projects on an independent basis.

AP United States Government (SS43) (APUSGOVT) (A3330100)

Grade 12

Credit: ½

Prerequisite – Prefer AP or Dual US History

This course is designed to be on a level with a college course and is a preparation for the College Board's Advanced Placement Government Exam. It involves a number of reading assignments with written responses and in-depth analysis. Independent work is a requirement for this course. This course is recommended for those students who have successfully completed World Geography PAP and World History PAP. Students are expected to take the U.S. Government Advanced Placement test offered in May. (6.0 Grading System)

Dual Credit United States Government (SS48) (GOVT) (03330100)

Grade 12

High School Credit: ½

College Course Title:

Federal Government (GOVT 2305)

College Credit: 3 hours

Prerequisite- Qualifying scores see page 14

Origin and development of the US Constitution, structure and powers of the national government including the legislative, executive, and judicial branches, federalism, political participation, the national election process, public policy, civil liberties and civil rights. (6.0 Grading System)

Economics -Fundamentals of Free Enterprise (SS50) (ECO-FE) (03310300)

Grade 12

Credit: ½

Prerequisite – United States History

This course is a one-half credit course covering the characteristics, benefits and goals of the American free enterprise system, its benefits and unique characteristics. Projects will be assigned and completed on an individual basis.

AP Macro Economics (SS53) (APMACECO) (A3310200)

Grade 12

Credit: ½

Prerequisite – Prefer AP or Dual Credit United States History

This course is designed to be on level with college course work and is preparation for the College Board's Advanced Placement exam. It involves numerous reading assignments with written responses and in-depth analysis and interpretation of graphs. Independent work is required. Students are expected to take the Macro Economics Advanced Placement test offered in May. (6.0 Grading System)

Dual Credit Economics (SS58) (ECO-FE) (03310300)
Grade 12
High School Credit: ½
College Course Title:
Principles of Economics: Macroeconomics (ECON 2301)

College Credit: 3 hours

Prerequisite- Qualifying scores see page 13

This course emphasizes macroeconomics; economic analysis of forces determining levels of income, prices, and employment; economic growth; explanation of economic term and institutions; and consideration of current problems. (6.0 Grading System)

Social Studies

Electives Sequence Chart

COURSE NAME	GRADE PLACEMENT				UNIT CREDIT (College Credit)	PREREQUISITE
	9	10	11	12		
PAP Psychology		X	X	X	½	None
AP Psychology		X	X	X	½	Preferred PAP Psychology
Dual Credit Psychology		X	X	X	½ (3 hrs)	College Readiness Qualifying scores, Tuition \$125 see p. 13
Dual Credit Sociology		X	X	X	½ (3 hrs)	College Readiness Qualifying scores, Tuition \$125 see p. 13
AP European History		X	X	X	1	Preferred taken at least one Pre AP or AP course or Dual Credit course
The Bible and Its Influence		X	X	X	1	None

Social Studies Electives

PAP Psychology (EL40) (PSYCH) (03350100)

Grades 10-12

Credit: ½

Prerequisite - None

This is a one-semester course. Students will focus on elements of individual psychology as well as personality theories and disorders, normal and abnormal behavior, learning, emotions and motivation and human growth and development. This course prepares students to take AP Psychology in the spring.

AP Psychology (EL43) (APPSYCH) (A3350100)

Grades 10-12

Credit: ½

Prerequisite – None, PAP Psychology preferred

This is a one-semester course. Students will focus on elements of individual psychology as well as personality theories and disorders, normal and abnormal behavior, learning, emotions, motivation and human growth and development. Upon completion of this course, students will have a better understanding of himself/herself. This course prepares students to take the AP Psychology exam in the spring.

Dual Credit Psychology (EL48) (PSYCH) (03350100)

Grade 10-12

High School Credit: ½

College Course Title:

Introduction to Psychology (PSYC 2301)

College Credit: 3 hours

Prerequisite- Qualifying scores see page 13

A survey of the fields of general psychology; the biological and psychological basis of human behavior, intelligence, motivation, emotion, learning, personality, memory, and psychopathology.

Dual Credit Sociology (EL58) (SOC) (03370100)

Grades 10-12

High School Credit: ½

College Course Title:

Introduction to Sociology (SOCL 1301)

Prerequisite – Qualifying scores see page 13

This course will introduce the students to the principles of social organization. Topics include the study of personality, social groups, culture, social class and caste systems; population, rural and urban communities, and social changes, as well as social institutions such as the family, recreation, and religion.

**Bible and Its Influence, Old Testament (1st semester) New Testament (2nd Semester) (EL81)
(03380052)(HEBSCSS)**

Grade: 10-12

Credit: 0.5 for each semester

Prerequisite:

This course is designed to provide students with an opportunity to increase their knowledge of the Biblical influence on characters, poetry, and narratives, which will help them understand contemporary society and culture, including art, literature, music, mores, oratories, and public policies. The course approach will be academic, not devotional. The course will strive for students' awareness of religions but will not press for student acceptance of any religion.
(5.0 Grading System)

AP European History (EL80) (APEUHIST) (A3340200)

Grades 11-12

Credit: 1

Prerequisite – None, Previous AP Course encouraged

AP European History develops an understanding of the main themes in modern European history, including political and diplomatic, intellectual and cultural, and social and economic history. Analyzing historical evidence and reading critical literary narratives is integrated into the chronologically ordered whole picture of the modern history of Europe. Using a college-level textbook, this course begins with the Renaissance and concludes with the demise of communism in Eastern Europe, the reunification of Germany, and the crisis of global terrorism. (6.0 Grading System)

Science Sequence

9th

Biology I or
Biology I PAP

10th

IPC

Chemistry I or
Chemistry I PAP

11th

Chemistry I

Physics I or
Physics I PAP
Forensic Science
OnRamps Geoscience
** See note below

12th

Physics I
AP Biology
AP Physics or
AP Chemistry or
AP Environmental Science
Anatomy & Physiology or
Dual Credit Anatomy & Physiology
or Dual Credit Biology
or OnRamps Geoscience
Environmental Systems or
Forensic Science or
Advanced Animal Science (Does not count
towards GPA)

** Any 12th grade science offering can be taken concurrently in the junior year provided that all prerequisites are met.

Science Sequence Chart

COURSE NAME	GRADE PLACEMENT				UNIT CREDIT (College Credit)	PREREQUISITE
	9	10	11	12		
Biology I	X				1	None
Biology I PAP	X				1	PAP 8 th Grade Science
(IPC) Integrated Physics and Chemistry		X			1	Biology
Chemistry I		X	X		1	Algebra I, Biology and Teacher Recommendation Encouraged
Chemistry I PAP		X			1	Biology, Algebra II* (*or concurrent enrollment)
Physics I			X	X	1	Biology, Chemistry, Algebra II* (*or concurrent enrollment)
Physics I PAP			X		1	Chemistry, Algebra II, Pre-Calculus* (*or concurrent enrollment)
AP Biology			X	X	1	Biology, Chemistry
AP Chemistry			X	X	1	Biology, Chemistry, Algebra II or concurrent enrollment
AP Physics				X	1	Biology, Chemistry, Physics
AP Environmental Science			X	X	1	Biology, Chemistry, Algebra II or concurrent enrollment
Anatomy & Physiology			X	X	1	Biology, Chemistry
Anatomy & Physiology For Dual Credit			X	X	1 (8 hrs)	Biology, Chemistry, Testing and Application Process \$125 fee per semester
Environmental Systems				X	1	Biology, IPC and/or Chemistry
Forensic Science				X	1	Biology, Chemistry
Dual Credit Biology			X	X	1 (8 hrs)	Biology, Chemistry, Testing and Application Process \$125 fee per semester
OnRamps Geoscience			X	X	1 (3 hrs)	Biology, Chemistry and science teacher recommendation

Advanced Animal Science	X X	1	One course in the Agriculture, Food and Natural Resource Cluster Does not count towards GPA
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Science

Biology I (SC10) (BIO) (03010200)

Grades 9-12

Credit: 1

Prerequisite - none

In Biology, students conduct laboratory investigations throughout the year. Students will study the basic discoveries and developments in the field of biological science. These include the characteristics of life, principles of heredity, cell biology, classification, ecology, and change over time.

Biology I PAP (SC12) (PAP BIO) (03010200)

Grade 9

Credit: 1

Prerequisite: PAP 8th Grade Science, Teacher Recommendation Encouraged

Biology Pre-Advanced Placement (AP) is an advanced course recommended for students with a strong interest in science and good study skills. The course differs from Biology I with respect to the range and depth of topics covered, the type of laboratory work conducted and the time and effort required. (5.0 Grading System)

AP Biology (SC13) (AP-BIO) (A3010200)

Grades 11-12

Credit: 1

Prerequisite - Biology I, Chemistry I

This college level course is appropriate for students who plan to enter a college program requiring a strong science background. Laboratory techniques are developed to further students' ability to pursue a career in a biologically-related field. Students are expected to take the Biology Advanced Placement test offered in May. **May count as a 4th year science.** (6.0 Grading System)

Biology for Dual Credit (SC18) (SCIRD2) (13037210)

Grades 11-12

HS Credit: 1

College Credit: 8 hours

College Course Title: General Biology I, II (BIOL 1406, 1407)

Prerequisite- Biology I, Chemistry I, qualifying scores on TSIA (see p.13).

Fundamental principles of living organisms will be studied, including physical and chemical properties of life, organization, function, evolutionary adaptation, and classification. Concepts of cytology, reproduction, genetics, and scientific reasoning are included. Laboratory activities will reinforce the fundamental principles of living organisms. (6.0 Grading System). **\$125 fee per semester.**

Integrated Physics and Chemistry (SC20) (IPC) (03060201)

IPC must be completed Prior to taking Chemistry and/or Physics

Grade 10

Credit: 1

Prerequisite – Biology

Integrated Physics and Chemistry is a laboratory science course introducing students to the study of matter and energy. It includes one semester of conceptual chemistry and one semester of physics. **Satisfies the 4th science credit when completed prior to Chemistry I and Physics I.**

Chemistry I (SC30) (CHEM) (03040000)

Grade 10-11

Credit: 1

Prerequisite - Algebra I and Biology I; Teacher recommendation encouraged for sophomores

Chemistry is a laboratory course that prepares those students who want to learn the basics of chemistry. Emphasis is on process and higher-order thinking skills and challenging laboratory experiments. Topics of study include conceptual and mathematical ideas related to chemistry topics such as matter, chemical reactions, molecular bonding, gases, and solutions.

Chemistry I PAP (SC32) (PAP CHEM) (03040000)

Grades 10

Credit: 1

Prerequisite - Biology I, Algebra II (or concurrent enrollment)

Chemistry I PAP is a math intensive course designed for the above-average student. The same topics included in Chemistry I are covered in this class, but in greater depth. There are additional objectives in each unit of instruction that enable students to become proficient in problem solving and data interpretation. Topics of study include conceptual and mathematical ideas related to chemistry topics such as matter, chemical reactions, molecular bonding, gases, stoichiometry, and solutions. (5.0 Grading System)

AP Chemistry (SC33) (AP-CHEM) (A3040000)

Grades 11-12

Credit: 1

Prerequisite - Biology, Chemistry, Physics, Algebra II or concurrent enrollment

The course is designed to be the equivalent of the general chemistry course usually taken during the first college year. Students continue their study of chemistry and solve more detailed and difficult problems. A strong emphasis is placed on laboratory activities. Students are expected to take the Chemistry Advanced Placement test offered in May. **May count as a 4th year science.** (6.0 Grading System)

Physics I (SC40) (PHYSICS) (03050000)

Grades 11-12

Credit: 1

Prerequisite - Biology, Chemistry I, Algebra II or concurrent enrollment

Physics is a math based course in which students will conduct laboratory investigations that have practical application in today's world. Some of the topics of study will include laws of motion, conservation of energy and momentum, forces and electricity.

Physics I PAP (SC42) (PAP PHYSICS) (03050000)

Grades 11

Credit: 1

Prerequisite - Chemistry I, Pre-Calculus (or concurrent enrollment)

Physics I PAP is an advanced course recommended for students with a strong interest in science and who have good study skills. A major emphasis is placed on open-ended labs and the interpretation of data generated in these labs. Many of the concepts are the same as those in Physics I, except the presentation is accelerated and in more detail. (5.0 Grading System)

AP Physics (SC43) (APPHYS) (A3050002)

Grades 12

Credit: 1

Prerequisite - Biology, Chemistry, Physics

AP Physics is designed to be the equivalent of the calculus-based, mechanics course required for most engineering, physics, chemistry and mathematics majors in college. Students are expected to take the Mechanics part of the AP Physics-C exam in May. May count as a 4th year science. (6.0 Grading System)

Anatomy & Physiology (SC50) (ANATPHYS) (13020600)

Grades 11-12

Credit: 1

Prerequisite - Biology I, Chemistry I

Anatomy & Physiology is an advanced course recommended for students with a strong interest in the medical field. This course is a lab based study of the structures and functions of the human body and body systems. **May count as a 4th year science.** (5.0 Grading System).

Anatomy & Physiology for Dual Credit (SC58) (ANATPHYS) (13020600)

Grades 11-12

HS Credit: 1

College Credit: 8 hours

College Course Title: Human Anatomy and Physiology I, II (BIOL 2401, 2402)

Prerequisite- Biology I, Chemistry I and qualifying scores on TSIA (see p.14).

Anatomy & Physiology for Dual Credit is an advanced course recommended for students with a strong interest in the medical field. This course is a lab based study of the structures and functions of the human body and body systems. The dual credit course follows the curriculum and pacing of the college course. **May count as a 4th year science.** (6.0 Grading System). **\$125 fee per semester.**

Environmental Systems (SC60) (ENVIRSYS) (03020000)

Grades 12

Credit: 1

Prerequisite - Biology, IPC and/or Chemistry

Environmental Science is designed to introduce students to the major ecological concepts and the environmental problems which affect the world in which they live. Students will conduct field and laboratory investigations, of biotic and abiotic factors in habitats, ecosystems and biomes, interrelationships among resources and environmental systems and changes in the environments. **May count as a 4th year science.**

AP Environmental Science (SC63) (AP-ENVIR) (A3020000)**Grades 11-12****Credit: 1****Prerequisite - Biology, Chemistry.**

The AP Environmental Science course is the equivalent of a one-semester, introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography. **May count as a 4th year science.** (6.0 Grading System) Students in this course are expected to take the AP exam in May.

Forensic Science (SC70) (13029500) (FORENSCI)**Grade: 11-12****Credit: 1****Prerequisite: Biology, Chemistry, May count as a 4th year science.**

Forensic Science is a course that uses investigative procedures and terminology related to crime scene analysis. Using scientific methods, students will collect and analyze evidence through case studies and simulated crime scenes such as fingerprinting analysis, blood spatter analysis and anthropology. Students will learn the history, legal aspects, and career options for forensic science.

Dual Enrollment OnRamps Geoscience**Grade 11 – 12****HS Credit: 1****Opportunity for College Credit: 3 hours****Prerequisite – Biology and Chemistry and science teacher recommendation**

This dual enrollment course has both high school and college instruction components that provide an introduction to key topics in Earth sciences for non-geoscience majors. Some of those topics include geologic phenomena that affect everyday life, including global warming, earthquakes, volcanism, desertification, river and coastline flooding and erosion, groundwater, mineral resources, and plate tectonics. (6.0 Grading System) Possible fee associated with this course depends on decisions that will be made by the state legislature.

Advanced Animal Science (AG80) (ADVANSKI) (13000700)**Grades: 11-12****Credit: 1.0****Prerequisites – One course in the Agriculture, Food and Natural Resource Cluster**

This science course is ideal for the student who wants to pursue a career in agriculture. Students will demonstrate principles relating to the human, scientific and technological dimension of scientific animal agriculture and the resources necessary for producing domesticated animals. The student will compare animal anatomy and physiology in livestock species as well as develop nutritional requirement for ruminant and non-ruminant animals. Students will also evaluate animal diseases and parasites as well as define how an organism grows and how specialized cell, tissues and organs develop. This course is a 4th year science option to students who are on an Agriculture pathway. Does not count towards GPA

Math Sequence

Algebra I or Algebra I PAP



Geometry or Geometry PAP



Algebra II or Algebra II PAP



11 th Grade Courses
Algebra II or Algebra II PAP
Pre-Calculus or Pre-Calculus PAP
Dual Enrollment OnRamps Statistics*
Financial Mathematics
Intermediate Algebra/Dual Credit College Algebra (Fall/Spring) *



12 th Grade Courses
Pre-Calculus or Pre-Calculus PAP
Financial Mathematics
College Preparatory Mathematics Course (CPMC)
Dual Enrollment OnRamps Statistics*
AP Calculus *
Intermediate Algebra/Dual Credit College Algebra (Fall/Spring) *
Financial Applications in Industry (enrollment per ARD/IEP committee)
Accounting 2 (Does not count towards GPA)

Note: Any course with an asterisk (*) has the potential for students to earn college credit.

College majors that require calculus:

- Engineering
- Computer Science
- Economics/Business/Accounting/Finance
- Mathematics
- Natural Sciences
- Pre-med

Mathematics Sequence Chart

COURSE NAME	GRADE PLACEMENT				UNIT CREDIT (College Credit)	PREREQUISITE
	9	10	11	12		
Algebra I	X				1	None
Algebra I PAP	X				1	None
Geometry	X	X			1	Algebra I
Geometry PAP	X	X			1	Algebra I
Algebra II		X	X		1	Algebra I
Algebra II PAP		X	X		1	Algebra I
Pre-Calculus			X	X	1	Algebra II, Geometry
Pre-Calculus PAP			X	X	1	Algebra II, Geometry
Dual Enrollment OnRamps Statistics			X	X	1 (3 hrs)	Algebra II, Geometry, mathematics teacher recommendation
Intermediate Algebra & Dual Credit College Algebra			X	X	1 (3 hrs)	Pre-Calculus and Qualifying TSIA scores see p. 13 \$125 tuition spring semester
College Prep Mathematics Course				X	1	Algebra II
Financial Mathematics			X	X	1	Algebra II
AP Calculus				X	1	Pre-Calculus
Accounting 2			X	X	1	Accounting 1 Acct 2 does not count towards GPA

Mathematics

Algebra I (MA10) (ALG I) (03100500)

Grade 9

Credit: 1

Prerequisite - None

Algebra I provides the foundation for higher-level mathematics courses. The course emphasizes problem solving, graphing linear equations, properties of real numbers, solving equations and inequalities, polynomials, systems, exponents and quadratic equations.

Algebra I PAP (MA12) (ALG I) (03100500)

Grade 9

Credit: 1

Prerequisite – None

Algebra I provides the foundation for higher-level mathematics courses. The course emphasizes problem solving, graphing linear equations, properties of real numbers, solving equations and inequalities, polynomials, systems, exponents and quadratic equations.

This course is designed to prepare students for higher levels of math. (5.0 Grading System)

Geometry (MA20) (GEOM) (03100700)

Grades 9-10

Credit: 1

Prerequisite - Algebra I

This course involves the study of inductive and deductive reasoning in order to develop the logic needed to solve geometric problems. Terms, definitions, theorems, and postulates are used in this course along with algebra skills to solve problems involving angles, triangles and other geometric problems.

Geometry PAP (MA22) (GEOM) (03100700)

Grades 9-10

Credit: 1

Prerequisite - Algebra I

This course is designed around the regular geometry format with additional formal proofs and more intensive study than the regular curriculum. The material covered is at an accelerated pace. This course is designed to prepare students for higher levels of math. (5.0 Grading System)

Algebra II (MA40) (ALG2) (03100600)

Grades 10-11

Credit: 1

Prerequisite - Algebra I

Algebra II is a step in the foundation for higher-level mathematics. Functions and graphing are emphasized along with algebraic techniques used in problem solving.

Algebra II PAP (MA42) (ALG2) (03100600)

Grade 10-11

Credit: 1

Prerequisite - Algebra I

This course is a comprehensive study of the topics covered in Algebra II, including all conics, sequences and series. The material is covered at a much faster pace and in greater depth. (5.0 Grading System)

Financial Applications in Industry (MA45)(9APMATH4)(APMATH4)

Grade 12

Credit: 1

Prerequisite - Algebra II, enrollment determined by ARD/IEP committee

This is a senior math class. This class is for students who will apply mathematics in practical, consumer and industry settings.

Financial Mathematics (MA44)(FINMATH)(13018000)

Grade 12

Credit: 1

Prerequisite – Algebra II

This Career and Technical Education (CTE) Finance course satisfies a high school mathematics graduation requirement.

Students shall be awarded 1 credit for the successful completion of this course. Financial Mathematics is a course about personal money management. Students will apply critical thinking skills to analyze personal financial decisions based on current and projected economic factors.

Accounting II (BU24) (ACCOUNT2) (13016700)

Grades 11-12

Credit: 1

Prerequisite – Accounting I

This course is a continuation of Accounting I. It is an advanced course that will require students to perform accounting functions specific to a corporation and follow accounting procedure related to the purchase and sale of bonds. Students will also describe managerial accounting concepts and will be required to prepare budget reports to make business decisions. **Does not count towards GPA.**

College Preparatory Mathematics Course (CPMC)(CP111200)

Grade 12

Credit: 1

Prerequisite: Algebra II

This senior mathematics course, mandated by House Bill 5, is designed to prepare seniors with the mathematics skills and concepts necessary for success in a freshman-level college mathematics credit course. Course topics include algebra, geometry, data analysis, and statistics. Students who pass the end-of-course test will be TSI exempt at Lee College and can register for a freshman-level mathematics credit course within one year.

Pre-Calculus (MA60) (PRE CALC) (03101100)

Grades 11-12

Credit: 1

Prerequisite - Algebra II and Geometry

The course is designed to prepare the college-bound student for calculus with a solid foundation of mathematical skills and concepts. The topics covered include trigonometry, elementary analysis, graphing, sequences and series, and functions.

Pre-Calculus PAP (MA62) (PRE CALC) (03101100)

Grades 11-12

Credit: 1

Prerequisite - Algebra II and Geometry

The same concepts will be taught as in the regular course but at a faster pace and in greater depth. This course provides a thorough study of functions and the various properties associated with functions. The properties are explored in depth using graphing calculators. Intensive study of trigonometry including trig ratios, their graphs, and inverses is included. More intensive studying of identities, vectors, complex numbers, polar coordinates and parametric equations is undertaken. (5.0 Grading System)

AP Calculus AB (MA73) (APCALCAB) (A3100101)

Grade 12

Credit: 1

Prerequisite - Pre-Calculus

The topics of study for this course are limits and continuity, the derivative, the fundamental theorem of calculus, special functions, techniques of integration, partial derivatives, and multiple integration. The curriculum is designed to prepare students for the AP Calculus exam. Extensive homework is required. **Students are expected to take the Advanced Placement test offered in May.** (6.0 Grading System)

Intermediate Algebra (Fall) & Dual Credit College Algebra (Spring) (MA182) (03102500) (03102501)

Grades 11 or 12

HS Credit: 1; College Credit: 3 hours

College Course Title: College Algebra (Math 1314)

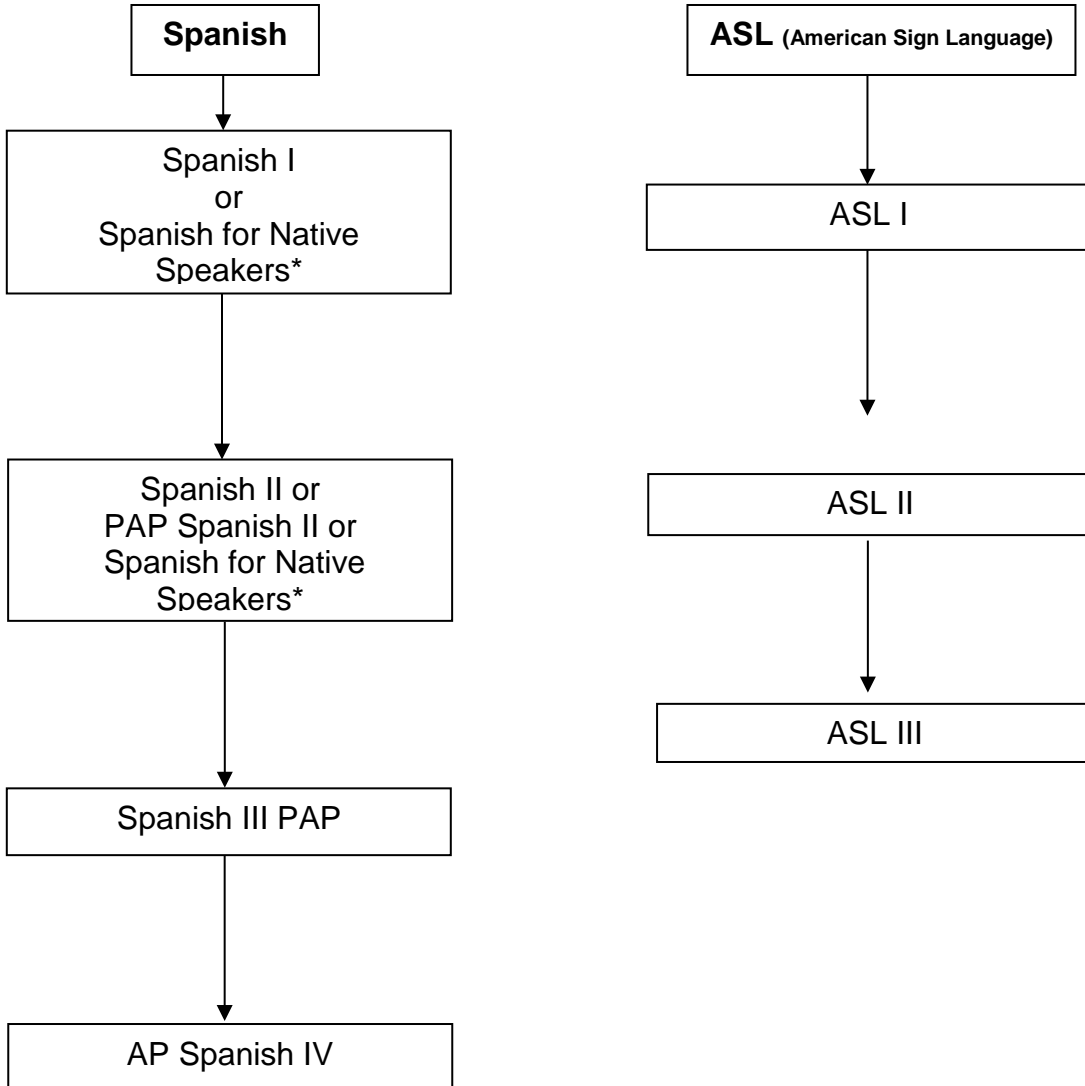
Prerequisite – Recommended Pre-Calculus or an 85 average in Pre-AP Algebra II and qualifying scores on TSIA (see p. 14.)

Intermediate algebra topics include special products and factoring, rational expressions and equations, rational exponents, radicals, radical equations, quadratic equations, absolute value equations and inequalities, complex numbers, equations of lines, an introduction to the function concept, and graphing. Dual credit college algebra topics include an in-depth study and applications of polynomial, rational, radical, absolute value, piecewise-defined, inverse, exponential and logarithmic functions, equations, inequalities, graphing skills and systems of equations using matrices. (6.0 Grading System) **\$125 fee for spring semester**

Dual Enrollment OnRamps Statistics**Grade 11-12****HS Credit: 1****Opportunity for College Credit: 3 hours****Prerequisite – Algebra II, Geometry, and mathematics teacher recommendation**

This dual enrollment course has both high school and college instruction components that satisfy the statistics TEKS and college-level data analysis. The lessons are designed to develop conceptual understanding of statistics, including methodologies, informal game play, and hands-on analysis of real data. Students will analyze data, create formulas to model the data, and make inferences about the data. At the end of the course, students who successfully complete it can elect to receive 3 hours of college credit. (6.0 Grading system) Possible fee associated with this course depends on decisions that will be made by the state legislature.

Foreign Language Sequence



Foreign Language Sequence Chart

COURSE NAME	GRADE PLACEMENT				UNIT CREDIT (College Credit)	PREREQUISITE
	9	10	11	12		
Spanish I	X	X	X		1	None
Spanish for Native Speakers	X	X	X	X	2	Fulfills LOTE I and II
Spanish II	X	X	X	X	1	Spanish I or middle school Spanish I
Spanish II PAP	X	X	X	X	1	Spanish I
Spanish III PAP		X	X	X	1	Spanish II
AP Spanish IV			X	X	1	Spanish III PAP
American Sign Language (ASL) I	X	X	X		1	None
ASL II		X	X	X	1	ASL I
ASL III			X	X	1	ASL I & II

Foreign Language

World conditions have given added emphasis to the importance of language other than English as part of the student's curriculum. At the college level several degree plans require two or more years of the same foreign language on the high school transcript for entering students.

Note: Students who complete Spanish I in middle school must be awarded credit for Spanish I on their official high school transcript. This credit replaces the first year of Spanish at the high school level. Students wanting to continue with Spanish at the high school level must begin with level II.

Spanish I (FLS10) (SPAN1) (03440100)

Grade 9-11

Credit: 1

Prerequisite - None

This course is open to all beginning level students, but is recommended for students with strong academic ability and maturity level. It covers a basic knowledge of listening, speaking, reading and writing skills in Spanish with emphasis on Spanish sounds, spelling and phonetics. Simple grammatical structure is learned throughout the year. Class participation is important and frequent homework assignments will be given. Students who have taken and passed middle school Spanish are not eligible for this class. All foreign language classes must be taken in sequence.

Spanish for Native Speakers* (FLS21) (SSSPAN 1) (SSSPAN 2) (03440110) (03440220)

Grades 9-12

Credit: 2

Prerequisite – Departmental Approval (via test scores/teacher approval)

This course is geared toward the Heritage speaker of Spanish and their improvement in Spanish. It will cover all LOTE TEKS for Spanish I in the first semester. Then it will complete the LOTE TEKS for Spanish 2 in the second semester. A heavy emphasis is placed on reading and writing. Grammar will be reinforced through listening, speaking, reading, and writing skills. Oral class participation is essential, and frequent homework assignments will be given. All foreign language classes must be taken in sequence.

Spanish II (FLS20) (SPAN2) (03440200)

Grades 9-12

Credit: 1

Prerequisite - Spanish I, or middle school Spanish I

This course is geared toward the college-bound student wanting to improve Spanish proficiency. A heavy emphasis is placed on grammatical structures that will be reinforced through listening, speaking, reading and writing skills. Oral class participation is essential, and frequent homework assignments will be given. All foreign language classes must be taken in sequence.

Spanish II PAP (FLS22) (SSSPAN2) (03440220)

Grades 9-12

Credit: 1

Prerequisite – Spanish I, Teacher Recommendation Encouraged

This course is geared toward the advanced college-bound student wanting to improve Spanish proficiency. A heavy emphasis is placed on grammatical structures that will be reinforced through listening, speaking, reading and writing skills. Oral class participation is essential, and frequent homework assignments will be given. All foreign language classes must be taken in sequence. (5.0 Grading System)

Spanish III PAP (FLS30) (PAP SPAN3) (03440300)

Grades 10-12

Credit: 1

Prerequisite - Spanish II or Spanish for Native Speakers

The advanced student is introduced to contemporary reading material written by native-speaking authors. Students will increase their oral proficiency through discussion in Spanish. Oral and written exercises provide reinforcement and expansion of vocabulary and structural knowledge. Guided composition, based on material read and discussed, further develops writing skills. Class participation in Spanish is essential, and frequent homework assignments will be given. All foreign language classes must be taken in sequence. (5.0 Grading System)

AP Spanish IV (FLS40) (APSPALAN) (A3440100)**Grade 11-12****Credit: 1****Prerequisite - Spanish III and Departmental Approval**

This course is a survey course of Spanish and Latin American literature, art, history, music and culture. Students will be provided with constant opportunities to read, write, and speak in Spanish. Emphasizing the use of Spanish for active communication in real life tasks, it focuses on developing your abilities in the three modes of communication and strengthening your cultural competencies through theme-based instruction based on a variety of authentic resources. Partial fluency in Spanish is required. Students are expected to take the Spanish IV Advanced Placement test offered in May. **Students are expected to complete a summer assignment.** (6.0 Grading System)

ASL I (FLA10) (ASL1) (03980100)**Grades 9-11****Credit: 1****Prerequisite - None**

Students need strong English grammar background to be successful in this class. Students will be expected to put forth great effort to master new skills and vocabulary. This course emphasizes the practical mastery of those skills necessary for understanding, gesturing, signing and interpreting sign language; develop direct communication in the language through visual techniques and facial expressions. Frequent homework assignments will be given to reinforce all new material. Class will be signed 50% of the time. Students will be required to sign and critique themselves on video, submit videos to the teacher for assessments both expressive and receptive. Students will also be required to attend Deaf events outside of the classroom that will promote using the target language in real world situations. All foreign language classes must be taken in sequence.

ASL II (FLA20) (ASL2) (03980200)**Grades 10-12****Credit: 1****Prerequisite - ASL I**

This course continues to develop the student's ability to understand, sign, gesture and interpret sign language with emphasis on vocabulary enrichment and continued activities to increase interest in and appreciation for the Deaf culture and Community. Frequent homework assignments will be given to reinforce all new material. Students will be required to sign and critique themselves on video, submit videos to the teacher for assessments both expressive and receptive. Students will also be required to attend Deaf events outside of the classroom that will promote using the target language in real world situations. All foreign language classes must be taken in sequence.

ASL III (FLA30) (ASL3) (03980300)**Grades 11-12****Credit: 1****Prerequisite - ASL I & II**

This course continues to develop the student's ability to understand, sign, gesture and interpret sign language with emphasis on vocabulary enrichment and continued activities to increase interest in and appreciation for the Deaf culture and Community. Focus on interpreting and translation, to and from, ASL and English. Frequent homework assignments will be given to reinforce all new material. Students will be required to sign and critique themselves on video, submit videos to the teacher for assessments both expressive and receptive. Students will also be required to attend Deaf events outside of the classroom that will promote using the target language in real world situations. All foreign language classes must be taken in sequence. This is a nonspeaking course: speaking results in a major grade deduction.

Physical Education Sequence Chart

COURSE NAME	GRADE PLACEMENT				UNIT CREDIT (College Credit)	PREREQUISITE
	9	10	11	12		
Physical Education	X	X	X	X	1	None (Substitutes: athletics, 1 st year Drill team and cheerleading , JROTC, marching band)
Dual Credit Intro to Physical Fitness (Kine 1164)	X	X	X	X	1/2	TSIA and Dual Requirements Tuition \$125
Athletics	X	X	X	X	1	Coach's Approval – per semester/ Course # found on Course Selection Sheet by Sport
Advanced Health	X	X	X	X	½	None
Cheerleading I, II, III, IV	X	X	X	X	1*	Taken in sequence Tryouts in March of each year (*Only 1 st full year = 1 P.E. Credit)
Drill Team	X	X	X	X	1	Tryouts held in December of previous school year. (Proper dance attire is required) (Only 1 st full year = 1 P.E. Credit; returning members take Advanced Dance for fine art credit.)
JROTC I, II, III, IV	X	X	X	X	1	None –Taken in sequence

Physical Education

P.E., Athletics, Health, Cheer, Drill Team, JROTC

Physical Education (Men's: PEM1, -2) – (Women's: PEW1, -2) (PE AA) (03840103)

Required

Substitution: athletics (up to 4 credits), cheerleading (1st year only), JROTC, marching band (fall semester only), drill team (1st year only)

Credit: 1-4

Prerequisite - None

The goal of the physical education program at Crosby High School is to develop the student physically, mentally, socially and emotionally. Students participate in sports they can use in later life to maintain some form of physical conditioning. Both team and individual sports are emphasized. Aerobic and cardiovascular conditioning are also stressed. Sports taught include flag football, softball, basketball, soccer, volleyball, badminton, track, kickball and aerobics.

Dual Credit Intro to Physical Fitness (Kine 1164)

Grades 9-12

Credit: ½

Prerequisite: TSIA and Dual Requirements/Tuition \$125

This course provides an introduction to the fundamentals, concepts, strategies, applications, and contemporary trends related to understanding personal and/or community health issues. This course also focuses on empowering various populations with the ability to practice healthy living, promote healthy lifestyles, and enhance individual well-being.

Athletics (PExxx) (03820501)

Grades 9-12

Credit: 1/2 per semester

Prerequisite - Coach's Approval

Boys Basketball, Football, Baseball, Soccer, Golf, Tennis, Swimming and Baseball along with Girls Volleyball, Basketball, Golf, Soccer, Tennis, Swimming and Softball, prepare students for University Interscholastic League competitions. The courses meet physical education graduation requirements.

Advanced Health (ELHEA) (ADHLTHED) (03810200)

Grades 9-12

Credit: 1/2

Prerequisite - None

This one-semester course uses lecture, class discussions, videos, role playing, debates and other teaching strategies to help students learn about topics such as bones, muscles, human reproduction, relationships, drugs, alcohol, decision making, first aid, CPR, nutrition, physical fitness, AIDS and other sexually transmitted diseases, and many other subjects dealing with physical, mental and social health.

Cheerleading I, II, III, IV (PECHR) (CHEER 9-12) (03820501-03820504, 84200ATH)

Grades 9-12

Credit: 1/2 per semester (Cheer 1st – full year credit = 1 P.E. credit)

Prerequisite - Tryouts are held during March of each year.

Freshmen may be chosen for the junior varsity team only. Sophomores, juniors and seniors may be chosen for either the junior varsity or varsity squads. **(Only 1st full year of Cheer will satisfy the 1 P.E. Credit. 2nd through 4th years are for NO CREDIT).**

Drill Team (PEDR1) (ADVANCE1) (03830100)

Grades 9-12

Credit: 1 (1 full credit can satisfy 1 P.E. Credit)

Prerequisite - Tryouts held in March of previous school year.

This course is designed for the advanced dancer. Dance technique will be emphasized in both the Fall and Spring semesters. Year-long, after school rehearsals are required for active status. A panel of professional adjudicators selects students. The fall semester will focus on the fundamentals of formations, timing, presentation, self-discipline, creativity, working with others, leadership, fellowship, responsibility, self-pride and appearance. Dancers will be expected to attend all football games. The spring semester is devoted to competition, basketball performances and the Spring Show. Different dance clothing items must be purchased at the expense of the student. *Proper dance attire is required. Dance may satisfy the fine art graduation requirement.*

JROTC I, II, III, IV (JRT1-4) (ROTC1-4) (03160100, 03160200, 03160300, 03160400)

Grades 9-12

Credit: 1/2 per semester

Prerequisite - Taken in sequence

This course places emphasis on citizenship, leadership, patriotism and the ability to live and work cooperatively with others. Students will learn basic problem-solving; how to resist negative peer pressures; financial planning; importance of physical fitness; mental management; military history; etc.

Fine Arts Electives Sequence Chart

COURSE NAME	GRADE PLACEMENT				UNIT CREDIT (College Credit)	PREREQUISITE
	9	10	11	12		
Art I	X	X	X	X	1	None
Art II, III, IV		X	X	X	1	Art I; Courses taken in sequence
Art II Painting		X	X	X	1	Art 1 and Teacher Recommendation
Digital Art/Media I, II, III		X	X	X	1	Art I; Courses taken in sequence
AP 2D Art			X	X	1	Art IV Students can be dual enrolled in both courses
Theatre Arts I	X	X	X	X	1	None
Theatre Arts II, III, IV		X	X	X	1	Theatre I; Courses taken in sequence
Technical Theatre I, II		X	X	X	1	None; Courses taken in sequence
Theatre Production I, II, III, IV	X	X	X	X	1	Theatre Arts I, Technical Theatre, and Teacher Approval / Satisfies the requirements for a Fine Art Credit
Symphonic Band I - IV	X	X	X	X	1	Band Director Approval
Concert Band I-IV	X	X	X	X	1	Band Director Approval
CADET BAND I-IV	X	X	X	X	1	Read music, have own instrument, after school attendance mandatory
Men's Chorale I-IV	X	X	X	X	1	None / Courses taken in sequence
Advanced Treble I-IV	X	X	X	X	1	Choir Director Approval
Concert Chorale I-IV	X	X	X	X	1	Choir Director Approval

Vocal Ensemble I-IV	X	X	X	X	1	None / Courses taken in sequence
Applied Music	X	X	X	X	1	Music background not required Must pay instrument rental fee Band director approval required
Music Piano	X	X	X	X	1	None
Instrumental Ensemble	X	X	X	X	1	Band Director Approval and concurrent enrollment in Band
Dance I, II, III, IV	X	X	X	X	1	Taken in sequence *Satisfies PE requirement
Advanced Dance II, III, IV		X	X	X	1	Audition, Director approval *Does NOT satisfy PE requirement
Dance Officer Performance Ensemble			X	X	1	Audition, Director approval

Fine Arts Electives

ART
Art I (FAA10) (ARTI) (03500100)
Credit: 1
Grades 9-12
Prerequisite - None
 In Art I students will learn and use basic elements of art to explore the principles of design. Through observation of their environment, students will use various media and techniques to create original works of art. Students will be required to bring minimal supplies. **There is a \$10 per year fee associated with this course. This course satisfies the requirements for a Fine Art credit.**

Art II (FAA20) (ART2DRAW) (03500500)
Credit: 1
Grades 10-12
Prerequisite - Art I
 Students will complete a credit of Art II through the use of drawing and painting. They will use various media and techniques to explore various historical eras, cultures and their works. They will plan and execute original works of art derived from their studies. Students will be required to keep a note-sketchbook and do research in cultures, techniques and media. Digital Art I may not count as prerequisite for Art II. **There is a \$10 per year fee associated with this course.**

Art - Painting II
Credit: 1
Grade Level: 10-12
Prerequisite: Art I and Teacher Recommendation
 This course is designed for the serious art student who is interested in developing a portfolio. Students create advanced-level drawings using a wide variety of subjects by employing diverse and experimental techniques utilizing wet and dry media. Art history, aesthetics and criticism are included. Media selection by students may require additional supplies not furnished through assessed fees. **There is a \$10 per year fee associated with this course.**

Art III (FAA30) (ART3DRAW) (03501300)

Credit: 1

Grades 10-12

Prerequisite - Art II

Students will complete a credit of Art III in one or more of the following: drawing, painting, or sculpture. Art works will be derived from an extensive study of Art History eras and diverse cultures, media exploration, manipulation and practicing technical skills. Students will be required to keep a notebook-sketchbook and portfolio. Art III is responsible for judging and hanging the End-of Year Art Show. **There is a \$10 per year fee associated with this course.**

Art IV (FAA40) (ART4DRAW) (03502300)

Credit: 1

Grade 11-12

Prerequisite - Art III and teacher approval

Students will complete a credit of Art IV in one or more of the following areas: drawing, painting, sculpture, or printmaking. Students will (in conjunction with the teacher) design a course of individual study to further develop their skill and styles. They are required to participate in VASE and two other contests; create and maintain a portfolio; (for contest and scholarship applications) and to keep a notebook-sketchbook journal. **There is a \$10 per year fee associated with this course.**

Digital Art/Media I, II, III (FAA21, 31, 41) (ART2DGMD, ART3DGMD, ART4DGMD) (03501220, 03502220, 03503220)

Credit: 1

Grades 9-12

Prerequisite – Art I and teacher approval

Art Digital Media is concerned with the advanced exploration of the traditional principles and elements of Art through new media such as Adobe Photoshop, Adobe Illustrator, and Google Sketchup. The class covers a mixture of both traditional art skills and technological application to prepare the student in creating advanced work for the digital age. Students will be required to attend the Visual Arts Scholastic Event (VASE) competition and compete with 1 or 2 pieces. The VASE entry fees are covered by the Art department. VASE is normally held in late February/ early March and is a scholarship and state recognition opportunity for all high school art students. **There is a \$10 per year fee associated with this course.**

AP 2D ART CREDIT: 1

GRADE: 11 - 12

PREREQUISITE: Art IV

This is a highly advanced class for senior students creating a portfolio to submit to the College Board for consideration of college credit. These students must be very self-motivated with a mastery of the elements of art and capable of seamlessly applying the principles of design. An advanced aesthetic awareness and mastery of advanced techniques in drawing and painting is required. This is a course to earn college credit and in turn students will need to work at this level to achieve a successful portfolio. **There is a \$10 fee associated with this course.**

THEATRE

Theatre Arts I (FAT10) (TH1) (03250100)

Credit: 1

Grades 9-12

Prerequisite - None

This course combines an overview of the history of theatre with the theory and exercise in body control, voice, pantomime, interpretation, characterization and stage action with analysis and study of specific roles, principles of group movement and varied projects in action and group rehearsal. **This course satisfies the requirements for a Fine Arts credit.**

Theatre Arts II, III, IV (FAT20,-30) (TH2, TH3, TH4) (03250200, 03250300)

Credit: 1

Grades 9-12

Prerequisite - Courses taken in sequence

These courses combine a study of theatre history with the theory and exercise in body control, voice, pantomime, interpretation, characterization. The instruction will cover on-stage acting techniques. Each class will produce at least one short play each semester.

Technical Theatre I, II (FAT61,-62) (THTECH1, THTECH2) (03250500, 03250600)

Credit: 1

Grades 10-12

Prerequisite - None

This course provides the opportunity for developing knowledge and skills of stage craft. The students participate in research and design of stage sets and also work on technical crews for staging, lighting, sound, makeup, etc. **This class satisfies the requirements for a Fine Art credit.**

Theatre Production I, II, III (FAT51,-52,-53) (TH PROD1, TH PROD2, TH PROD3) (03250700, 03250800, 03250900)

Credit: 1

Grades 10-12

Prerequisite - Theatre Arts I, Tech Theatre, and Teacher Approval for level III

These courses will combine an overview of different acting methods and exercise in body control, voice, pantomime, interpretation, characterization and stage action with analysis and study of specific roles, principles of group movement and varied projects in action and group rehearsal. The course will also provide the opportunity for developing knowledge, skills of stagecraft and all the duties of producing a major production. The class will be producing all drama productions. After school rehearsals will be mandatory for this course. **This course satisfies the requirements for a Fine Art credit.**

Dance I, II, III, IV (FAD11, 12, 13, 14) (DANCE1-4) (03830100, 03830200, 03830300, 03830400)

Grades 9-12

Credit: 1 (Fine Art, P.E. or elective credit)

Prerequisite - Taken in sequence

Students will learn the fundamental principles and vocabulary associated with several genres of dance. The student is required to develop a variety of dance skills, both technical and rhythmical. An exploration into choreography, culture and history will also be conducted.

Dance will satisfy the fine art graduation requirement.

Cougar Stars Advanced Dance II, III, IV (FAD52-54) (DANCE2-3) (03830200, 03830300, 03830400)

Grades 10-12

Credit: 1 (Fine Art or Elective credit, does not satisfy P.E. requirement)

Prerequisite – Tryouts held in March of previous school year.

This course is designed for the advanced dancer. Dance technique will be emphasized in both the fall and spring semesters. Year-long, after school rehearsals are required for active status. A panel of professional adjudicators selects students. The fall semester will focus on the fundamentals of formations, timing, and appearance. Dancers will be expected to attend all football games. The spring semester is devoted to competition, basketball performances and the Spring Show. Different dance clothing items must be purchased at the expense of the student. Students who fulfill course requirements may earn a letter jacket at the completion of the second full year as an active advanced dancer. *Proper dance attire is required.* **Dance will satisfy the fine art graduation requirement.**

Performance Ensemble (Dance Officer) I, II (FAD61-62) (DAN1PE, DAN2PE) (03833300, 03830300)

Grades 11-12

Credit: 1 (Fine Art or Elective credit, does not satisfy P.E. requirement)

Prerequisite – 1 year dance team experience and audition in March of previous school year.

This course is designed for the advanced dancer. Dance technique will be emphasized in both the fall and spring semesters. Year-long, after school rehearsals are required for active status. A panel of professional adjudicators selects students. The fall semester will focus on the fundamentals of formations, timing, and appearance. Dancers will be expected to attend all football games. The spring semester is devoted to competition, basketball performances and the Spring Show. Different dance clothing items must be purchased at the expense of the student. Students who fulfill course requirements may earn a letter jacket at the completion of the second full year as an active advanced dancer. *Proper dance attire is required.* **Dance will satisfy the fine art graduation requirement.**

MUSIC

Symphonic Band I, II, III, IV (FAB21-24) (SYMPH BAND 1-4) (03150100, 03150200, 03150300, 03150400)

Credit: 1

Grades 9-12

Prerequisite - Band Director Approval

These courses are open to students who have taken band the previous years and/or by approval of the director. Students are selected on the basis of playing ability, academic record, and attitude. The fall semester focuses on fundamentals of marching and playing with emphasis on performance. The spring semester is devoted to concert performance and sight reading.

Concert Band I, II, III, IV (FAB11-14)**Grades 9-12****Credit: 1****Prerequisite - Band Director Approval**

These courses are open to students who have taken band the previous years and/or by approval of the director. Students are selected on the basis of playing ability, academic record, and attitude. The fall semester focuses on fundamentals of marching and playing with emphasis on performance. The spring semester is devoted to concert performance and sight reading.

Cadet Band I- IV (FABC) (03152500)**Grades: 9-12****Credit: 1****Prerequisite – Read music (treble or bass clef notation), have own instrument, after school attendance mandatory**

This advanced, beginning-level, performance based course provides students with a variety of concert band experiences. Music is studied and performed from an advanced beginning level of middle school repertoire. Sight reading skills and basic theory are intermixed in the education of music styles. This ensemble performs at concerts and community events. Extracurricular commitment (after school sectionals) is required.

Students must provide their own wind instruments or rent from Crosby ISD of \$100 annual rental/repair fee. Wind instruments are: flute, clarinet, saxophone, French horn, trombone, baritone, tuba and concert percussion. **Instruments must be approved by Mr. Knight.**

Men's Chorale I, II, III, IV (FAM11-14) (MUS1-3CHOR) (03150900, 03151000, 03151100)**Grades 9-12****Credit: 1****Prerequisite – None**

This non-varsity choir will prepare students for possible future placement in the varsity choir or vocal ensemble. Men's Choral is open to any student regardless of musical background. Each member is required to attend all CHS Choir concerts and events throughout the year. **Participation in UIL events such as solo/ensemble, and all-region choir auditions are strongly encouraged but not required. Participation in UIL Concert/Sight-reading is to be determined by the director.**

Vocal Ensemble I, II, III, IV (FAM21-24) (MUS1-4VOEN) (03152100, 03152200, 03152300, 03152400)**Grades 9-12****Credit: 1****Prerequisite -- None**

This non-varsity choir will prepare students for possible future placement in the varsity choir or treble ensemble. Vocal Ensemble is open to any student regardless of musical background. Each member is required to attend all CHS Choir concerts and events throughout the year. **Participation in UIL events such as solo/ensemble, and all-region choir auditions are strongly encouraged but not required. Participation in UIL Concert/Sight-reading is to be determined by the director.**

Advanced Treble I, II, III, IV (FAM41-44) (MUS1-4VOEN) (03152100, 03152200, 03152300, 03152400)**Grades 9-12****Credit: 1****Prerequisite – Director Approval**

This is a treble choir at CHS. This group is open to students who audition and demonstrate superior singing ability and skill in sight reading, and have choir director approval. Members of this ensemble will be expected to compete at region choir events and UIL. They will also be required to attend weekly rehearsals, and to perform in all CHS choral presentations and competitions during the year.

Concert Chorale I, II, III, IV (FAM31-34) (MUS1-4VOEN) (03152100, 03152200, 03152300, 03152400)**Grades 9-12****Credit: 1**

Prerequisite –Director Approval

This is a mixed choir at CHS. This group is open to students who audition and demonstrate superior singing ability and skill in sight reading, and have choir director approval. Members of this ensemble will be expected to compete at region choir events and UIL. They will also be required to attend weekly rehearsals, and to perform in all CHS choral presentations and competitions during the year.

Applied Music (FAM50) (MUS1APL) (03152500)

Grades 9-12

Credit: 1

Prerequisite – Band director approval. Must pay instrument rental fee. Music background not required.

This class is designed for those students with a need for a deeper knowledge of instrumental music. This course is designed to cater specifically to individual student needs. The course covers a wide range of topics including, but not limited to: individual performance, music appreciation, music history, introduction to music theory, and small ensemble playing. Private lessons are encouraged but not required. Students from all abilities are encouraged to join.

Music Piano (FAM61) (MUSIPIA) (03154200)

Grades 9-12

Credit: 1

Prerequisite – None

Music theory for instrumental or vocal study, open to students who wish to learn the fundamentals of music. Students will learn music notation, music composition, pitch and rhythmic notation, scale structure, intervals, chord structure and movement, part-writing, ear-training, sight-reading, and creative self-expression. The first semester will focus on music fundamentals while the second semester's emphasis will be will on performance application at the keyboard.

Instrumental Ensemble I, II, III, IV (FAB31-34) (MUS1INEN) (03151700, 03151800, 03151900, 03152000) Credit: 1

Grades 9-12

Prerequisite - Band Director Approval and concurrent enrollment in Band.

This class must be taken concurrently with Band I, II, III, or IV. These courses consist of small and large ensemble as well as solo/individual performance techniques and fundamentals. Classes may be divided by instrument families and/or according to Band classes. These classes are intended to reinforce, but not replace Band I – IV.

Agriculture, Food and Natural Resources Sequence Chart

COURSE NAME	GRADE PLACEMENT				UNIT CREDIT	PREREQUISITE
	9	10	11	12		
Principles of Agriculture Food and Natural Resources	X	X	X	X	1	None / Should be the starting point for any student interested in taking Agriculture, Food and Natural Resources Courses
<u>Agriculture Mechanics Pathway</u>						
Agriculture Mechanics and Metal Technologies		X	X	X	1	Recommended Principles of Agriculture Food and Natural Resources* / Industry Certification Available
Agriculture Structures Design and Fabrication			X	X	1	Recommended Principles of Agriculture Food and Natural Resources* & Required Agriculture Mechanics and Metal Technologies, Industry Certification Available
Agriculture Equipment Design and Fabrication			X	X	1	Recommended Principles of Agriculture Food and Natural Resources* & Required Agriculture Mechanics and Metal Technologies, Industry Certification Available
Agriculture Power Systems			X	X	2	Recommended Principles of Agriculture Food and Natural Resources* & Required Agriculture Mechanics and Metal Technologies & Agriculture Equipment Industry Certification Available
<u>Animal Science Pathway</u>						
Livestock Production		X	X	X	1	Recommended Principles of Agriculture Food and Natural Resources*
Small Animal Management		X	X	X	1/2	Recommended Principles of Agriculture Food and Natural Resources*
Wildlife, Fisheries & Ecology Management		X	X	X	1	Recommended Principles of Agriculture Food and Natural Resources*

Veterinary Medical Applications	X	X	1	Recommended Principles of Agriculture Food and Natural Resources* & Required Small Animal Management Industry Certification Available
Advanced Animal Science		X	1	One course in the Agriculture, Food, and Natural Resource Cluster *Can count as a 4th science credit

*8th grade students that have taken the Introduction to Agriculture course are not required to take the Principles of Agriculture of Food and Natural Resources course prior to continuing in an AFNR pathway.

Horticulture (Plant) Science Pathway

COURSE NAME	GRADE PLACEMENT				UNIT CREDIT	PREREQUISITE
	9	10	11	12		
Principles & Elements of Floral Design	X	X	X	X	1	NONE, however Principles of Agriculture Food and Natural Resources is suggested, Industry Certification Available May count as Fine Arts credit
Landscape Design & Management		X	X	X	1/2	Recommended Principles of Agriculture Food and Natural Resources*
Turf Grass Management		X	X	X	1/2	Recommended Principles of Agriculture Food and Natural Resources*
Horticulture Science		X	X	X	1	Recommended Principles of Agriculture Food and Natural Resources*

*8th grade students that have taken the Introduction to Agriculture course are not required to take the Principles of Agriculture of Food and Natural Resources course prior to continuing in an AFNR pathway.

Oil and Gas Pathway

COURSE NAME	GRADE PLACEMENT				UNIT CREDIT	PREREQUISITE
	9	10	11	12		
Petrochemical Safety Health & Environment	X	X	X	X	1	None Industry Certification Available
Oil & Gas Production I		X	X	X	1	Petrochemical Safety Health & Environment Industry Certification Available
Oil & Gas Production II		X	X	X	1	Petrochemical Safety Health & Environment & Oil & Gas Production I

Agriculture, Food and Natural Resources

Principles of Agriculture Food and Natural Resources (AG10) (PRINAFNR) (13000200)

(Formerly Introduction to World Agriculture & Applied Agricultural Science and Technology)

Grades: 9-11

Credit: 1

This course allows students to develop knowledge and skills regarding career opportunities, personal development, globalization, industry standards, details, practices, and expectations. To prepare for success, students need to have opportunities to learn, reinforce, experience, apply, and transfer their knowledge and skills in a variety of settings through the National FFA Organization.

Agriculture Mechanics Pathway

Agriculture Mechanics and Metal Technologies (AG20) (AGMECHMT) (13002200)

Grades 10-12

Credit: 1

This course is designed 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. Articulated credit available.

Agriculture Structures Design and Fabrication (AG21) (AGSDF) (13002300)

Grades 11-12

Credit: 1

Prerequisite – Agriculture Mechanics and Metal Technologies

Students will have the opportunity to develop skills in electric arc welding, in oxy-fuel welding, and in the construction of equipment needed in agriculture uses. Areas will include safety procedures, use and identification of metals, design of structures, repairs of equipment, and use of hand and power tools related to metal fabrication. Students will also receive industry-recognized training designed to make them more marketable and desirable in the workplace. Students may earn their NCCER Welding Certification.

Agriculture Equipment Design and Fabrication (AG22) (AGEQDF) (13002350)

Grades 11-12

Credit: 1

Prerequisite – Agriculture Mechanics and Metal Technologies

To be prepared for careers in mechanized agricultural and technical systems, students attain knowledge and skills related to agricultural equipment design and fabrication. Students explore career opportunities, entry requirements, and industry expectations.

Agriculture Power Systems (AG22) (AGPOWSYS) (13002400)

Grades 11-12

Credit: 2

Prerequisite – Agriculture Mechanics and Metal Technologies or Agriculture Facilities Design and Fabrication

A technical course designed to develop an understanding of power and control systems as related to energy sources, small and large power systems, and agricultural machinery. This course also includes agriculture career development and leadership.

Animal Science Pathway

Small Animal Management (AG50) (SMANIMGT) (13000400)

Grades 10-12

Credit: 0.5

Recommended Prerequisite – Principles of Agriculture Food and Natural Resources*

This is a course to help develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer knowledge and skills in a variety of settings. Suggested small animals which may be included in the course of study include, but are not limited to, small mammals, amphibians, reptiles, avian, dogs, and cats.

Livestock Production (AG51) (LIVEPROD) (13000300)

Grades 10-12

Credit: 1

Recommended Prerequisite – Principles of Agriculture Food and Natural Resources*

This is a course designed to develop knowledge and skills pertaining to the nutrition, reproduction, health and management of domestic animals. Animal genetics, reproduction, anatomy and physiology are covered, as well as the selection of domestic animals and carcass evaluation of all classes of livestock. Animal diseases and parasites will be identified. This course can be helpful for students in training for their FFA projects.

Wildlife, Fisheries & Ecology Management (AG60) (WFECMGT) (13001500)

Grades 10-12

Credit: 1

Recommended Prerequisite – Principles of Agriculture Food and Natural Resources*

This course is designed to examine the importance of wildlife and outdoor recreation with emphasis on using wildlife and natural resources. The course includes wildlife and fish management, basic ecological concepts, wildlife and fish species, management of wildlife and fish populations, leadership skills and career opportunities.

Veterinary Medical Applications I (AG70) (VETMEDAP) (13000600)

Grades: 11-12

Credit: 1.0

Recommended Prerequisites – Principles of Agriculture, Food and Natural Resources

Prerequisite- Small Animal Management

This course is designed for students preparing for careers in the field of animal science. Topics covered include, but are not limited to career opportunities, entry requirements, industry expectations, animal systems, and veterinary practices as they relate to both large and small animal species.

Advanced Animal Science (AG80) (ADVANSCI) (13000700)

Grades: 11-12

Credit: 1.0

Prerequisites – One course in the Agriculture, Food and Natural Resource Cluster

This science course is ideal for the student who wants to pursue a career in agriculture. Students will demonstrate principles relating to the human, scientific and technological dimension of scientific animal agriculture and the resources necessary for producing domesticated animals. The student will compare animal anatomy and physiology in livestock species as well as develop nutritional requirements for ruminant and non-ruminant animals. Students will also evaluate animal diseases and parasites as well as define how an organism grows and how specialized cells, tissues and organs develop. This course is a 4th year science option to students who are on an Agriculture pathway.

Horticulture (Plant) Science Pathway

Principles & Elements of Floral Design (AG30) (PEFLDSN) (13001800)

Grades 9-12

Credit: 1

Prerequisite – none however, Principles of Agriculture Food and Natural Resources is suggested

This is a technical course that prepares students to design and arrange flowers, foliage, and related plant materials for interior locations. Included are careers, leadership and special supplemental experience projects. The student will be able to demonstrate contemporary designs, business practices, specialty items, creativity, and careers in the floral industry by developing advanced floral design skills. The student will learn the employability characteristics of a successful worker in the modern workplace. Satisfies the required Fine Arts credit.

Horticulture Science (AG40) (HORTISCI) (13002000)

Grades 10-12

Credit: 1

Recommended Prerequisite – Principles of Agriculture Food and Natural Resources*

This course is designed to introduce students to horticulture sciences with emphasis on technical skills, entrepreneurship and occupational opportunities. This course prepares students to produce greenhouse/nursery plants and to maintain plant growth and propagation structures. Included are careers, leadership and special supplemental experience projects.

Landscape Design & Management (AG41) (LNDMGT) (13001900)**Grades 10-12****Credit: 0.5****Recommended Prerequisite – Principles of Agriculture Food and Natural Resources***

This is a laboratory-oriented course that includes the concepts and skills related to landscape design, construction and maintenance. Content includes analysis and planning of landscape designs, evaluation of service contracts and management records.

Turf Grass Management (AG42) (TGMGT) (13001950)**Grades 10-12****Credit: 0.5****Prerequisite- Principles of Agriculture Food and Natural Resources**

Students will develop an understanding of turf grass management techniques and practices.

Oil and Gas Pathway**Petrochemical Safety Health and Environment (AG90) (SHAE) (N1300264)****Grades 9-12****Credit: 1****Prerequisite- None**

The petrochemical safety, health, and environment course provides opportunities for students to learn about environmentally sound work habits within the petrochemical industry.

Oil and Gas Production I (OILGP1) (13001250)**Grades 10-12****Credit: 1****Prerequisite- Petrochemical Safety Health and Environment**

Students will identify specific career opportunities and skills, abilities, tools, certification, and safety measures associated with each career. Students will also understand components, systems, equipment, and production and safety regulations associated with oil and gas wells. To prepare for careers in oil and gas production, students must attain academic skills and knowledge, acquire technical knowledge and skills related to oil and gas production and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills and technologies in a variety of settings.

Oil and Gas Production II (AG92) (OILGP2) (13001260)**Grades 10-12****Credit: 1****Prerequisite- Petrochemical Safety Health and Environment, Oil and Gas Production I**

Students will identify specific career opportunities and skills, abilities, tools, certification, and safety measures associated with each career. Students will learn components, systems, equipment, and production safety regulations associated with oil and gas wells. Students will also learn about career opportunities, entry requirements, and industry expectations in the oil and gas industry.

*8th grade students that have taken the Introduction to Agriculture course are not required to take the Principles of Agriculture of Food and Natural Resources course prior to continuing in an AFNR pathway.

Information Technology Cluster

COURSE NAME	GRADE PLACEMENT				UNIT CREDIT (College Credit)	PREREQUISITE
	9	10	11	12		
Principles of Information Technology	X	X	X	X	1	None Industry Certification Available
Digital & Interactive Media **Articulated Course		X	X	X	1	None Industry Certification Available
Web Technologies		X	X	X	1	Principles of Information Technology Industry Certification Available
Computer Maintenance		X	X	X	Class-1 Lab-1	Principles of Information Technology Industry Certification Available Concurrent enrollment in Lab required
OnRamps Computer Science			X	X	1	Algebra I Principles of Information Technology* or Concurrent
Computer Programming I		X	X	X	1	Principles of Information Technology, Algebra I
Computer Programming II			X	X	1	Computer Programming I
Robotics I	X	X	X	X	1	None

Information Technology Electives

Principles of Information Technology (TC10) (PRINIT) (13027200)

Grades 9-12

Credit: 1

Prerequisite - None

This course is designed to give students a general working knowledge of computer applications and related software. Emphasis is placed on gaining a practical understanding of how computers are used in a work related environment. Students learn basics in Microsoft Office word processing, database, spreadsheet and desktop publishing. **Articulated credit available**

Digital Media (TC30) (DIMEDIA) (13027800)**Grades 10-12****Credit: 1****Prerequisite: Principles of Information Technology**

Students will analyze and assess emerging technologies, while designing and creating multimedia projects using Adobe software. Students implement interpersonal skills to prepare for a rapidly evolving workplace environment. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology driven society. **Articulated credit available**

Web Technologies (TC50) (WEBTECH) (13027900)**Grades 10-12****Credit: 1****Prerequisite – Principles of Information Technology**

Through the study of web technologies and design, students learn to make informed decisions and apply the decisions to the field of information technology. This one-year course includes a study of the impact of the World Wide Web on society, elements of web design, and web site creations. Web authoring software, graphic formats, animation and advanced HTML techniques are included in the course.

Computer Programming I (TC20) (COMPPRO1) (13027600)**Grades 9-12****Credit 1****Prerequisite: Algebra I and Principles of Information Technology**

This course will teach object-oriented programming using *Java*, the essential programming language of students, educators, technicians and software designers. Learning *Java* is not just interesting, rewarding, potentially lucrative, but fun. The fun is found in taking control of a very powerful machine and making it do what you command. **ATC articulated credit available**

Computer Programming II (TC22) (COMPPRO2) (13027700)**Grades 9-12****Credit 1****Prerequisite: Computer Programming I**

This course is the next step in the pathway for students who have already completed Computer Programming. In this course students will design and code a software application. Students will also demonstrate knowledge of software testing and perform quality assurance testing. In addition, students will perform maintenance and customer support functions. **ATC articulated credit available**

Computer Maintenance (TC40) (COMPMTN) (13027300)**Grades: 10-12****Credit: Class- 1 credit, Lab 1 credit****Prerequisite- Principles of Information Technology, Concurrent enrollment in lab required**

This is a one-hour course with an additional one-hour required lab, designed to introduce students to the principles and practical applications of computer maintenance with emphasis on personal computers. Students will learn how to assemble, repair, and upgrade computers, install/set up software and peripherals, testing/troubleshooting techniques, basic networking, introduction to wireless networking, introduction to digital photography, and customer handling.

Students must sign an Acceptable Use Policy for Internet access.

OnRamps Computer Science (TC40) (COMPMTN) (13027300)**Grades: 10-12****Credit: Class- 1 credit, Lab 1 credit****Prerequisite- Principles of Information Technology, Algebra I**

Computer science permeates our digital world and supports a variety of professions. This college-level course exposes students to the big ideas in computer science that cross disciplinary boundaries. Our inquiry-based, student-centered instruction engages diverse student populations with computer science content that is both rigorous and relevant to their lives. This is a dual enrollment course through the University of Texas that teaches computer science principles, a set of core ideas that shapes the landscape of computer science and its impact on our society. In addition to learning about the magic and beauty of computing, students will acquire essential Texas College and Career Readiness skills, applying critical thinking, problem solving, and communication within a project-based learning framework. Possible fee associated

with this course depends on decisions that will be made by the state legislature.

Students must sign an Acceptable Use Policy for Internet access.

Robotics I

Grades 9-12

Credit: 1

Prerequisite – None

Project-based learning environment: Students will have opportunities to design, implement, and present solutions which enable robots to perform meaningful tasks to solve real-world problems. Students will build prototypes or use simulation software to test their designs. Additionally, students will explore career opportunities, employer expectations, and educational needs in the robotic and automation industry. There is also an opportunity to compete against other students from around the world.

Business, Marketing & Finance Sequence Charts

COURSE NAME	GRADE PLACEMENT				UNIT CREDIT (College Credit)	PREREQUISITE
	9	10	11	12		
Principles of Business, Marketing, and Finance	X	X	X	X	1	None
Money Matters		X	X	X	1	None
Accounting I		X	X	X	1	Princ. of Business, Marketing & Finance Good Math Skills
Accounting II			X	X	1	Accounting I
Entrepreneurship		X	X	X	1	Prin. of Business, Marketing & Finance
Sports & Entertainment Marketing		X	X	X	1/2	Prin. of Business, Marketing & Finance
Social Media Marketing		X	X	X	1/2	Prin. of Business, Marketing & Finance
Banking and Financial Services		X	X	X	1/2	Prin. of Business, Marketing & Finance
Business Management		X	X	X	1	Prin. of Business, Marketing & Finance

Business, Marketing & Finance Electives

Principles of Business, Marketing, and Finance (BU10) (PRINBMF) (13011200)

Grades: 9-10

Credit: 1

Prerequisite – None

This course is designed to help students describe the characteristics of business, define business ethics, describe different economic systems and identify the role of government in businesses. Students will also be able to analyze cost and the sales process, demonstrate advertising, understand the fundamental principles of money and demonstrate personal financial management.

Money Matters (BU21) (MONEYM) (13016200)

Grades: 10-12

Credit: 1

Prerequisite - Any Principles Class within any pathway

Course will teach students the importance of preparing for the financial future. Students will learn fundamental principles of money and how to manage their personal finances. Areas covered are Savings, Investment Options, Wealth Building and College Savings, Dangers of Debt, Consumer Awareness, Credit Bureaus and Collection Practices, Budgeting, Bargain Shopping, Relating with Money, Career Choices and Taxes, Ins and Outs of Insurance, and Real Estate and Mortgages. Curriculum for the class will be based on Dave Ramsey's (author of bestselling book "Total Money Makeover") student curriculum, Foundations of Personal Finance.

Accounting I (BU23) (ACCOUNT1) (13016600)

Grades 10-12

Credit: 1

Prerequisite – Good Math Skills, Principles of Business, Marketing, and Finance

This course is designed for both college-bound and vocational students. The units include the accounting cycle, accounting for assets, liabilities and owner's equity, analyzing business information forms of business organizations, special accounting systems and accounting for business decisions.

Accounting II (BU24) (ACCOUNT2) (13016700)

Grades 11-12

Credit: 1

Prerequisite – Accounting I

This course is a continuation of Accounting I. It is an advanced course that will require students to perform accounting functions specific to a corporation and follow accounting procedure related to the purchase and sale of bonds. Students will also describe managerial accounting concepts and will be required to prepare budget reports to make business decisions.

Entrepreneurship (BU31) (ENTREP) (13034400)

Grades 10 – 12

Credit: 1

Prerequisite – Principles of Business, Marketing and Finance

Students will learn the principles necessary to begin and operate a business. This course will help students understand the process of analyzing a business opportunity, preparing a business plan, determining feasibility of an idea using research, and developing a plan to organize and promote the business and its products and services. In addition, students will understand the capital required, the return on investment desired, and the potential for profit.

Banking and Financial Services

Grades: 10-12

Credit: .5

Prerequisite – Principles of Business, Marketing, and Finance

This course will help students develop knowledge and skills in the economic, financial, technological, international, social, and ethical aspects of banking to become competent employees and entrepreneurs. Students will incorporate a broad base of knowledge that includes the operations, sales, and management of banking institutions to gain a complete understanding of how banks function within society.

Business Management**Grades: 10-12****Credit: 1****Prerequisite – Principles of Business, Marketing and Finance**

This course is designed to familiarize students with the concepts related to business management as well as the functions of management including planning, organizing, staffing, leading, and controlling. Students will also demonstrate interpersonal and project-management skill.

Social Media Marketing (BU33) (SMEDMKTG) (13034650)**Grades 10 – 12****Credit: 0.5****Prerequisite – Principles of Business, Marketing and Finance**

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

Sports and Entertainment Marketing (BU32) (SPORTSEM) (13034600)**Grades 10 – 12****Credit: 0.5****Prerequisite – Principles of Business, Marketing and Finance**

This course is designed to provide students with a thorough understanding of the marketing concepts and theories that apply to sports and entertainment. Concepts covered include basic marketing concepts, publicity, sponsorship, endorsements, licensing, branding, event marketing, promotions, and sports and entertainment marketing strategies.

Hospitality and Tourism Sequence Chart

COURSE NAME	GRADE PLACEMENT				UNIT CREDIT (College Credit)	PREREQUISITE
	9	10	11	12		
Principles of Hospitality and Tourism	X	X	X	X	1	None
Intro to Culinary Arts		X	X	X	1	Principles of Hospitality and Tourism Industry Certification Available
Culinary Arts			X	X	2	Principles of Hospitality and Tourism Lifetime Nutrition and Wellness
Advanced Culinary Arts				X	2	Principles of Hospitality and Tourism Lifetime Nutrition and Wellness Culinary Arts

Hospitality and Tourism Electives

Principles of Hospitality and Tourism (FCS20) (PRINHOSP)(13022200)

Grades: 9-12

Credit: 1

Prerequisite- None

The hospitality and tourism industry encompasses lodging; travel and tourism; recreation, amusements, attractions, and resorts; and restaurants and food beverage service. The hospitality and tourism industry maintains the largest national employment base in the private sector. Students use knowledge and skills that meet industry standards to function effectively in various positions within the multifaceted industry. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

Intro to Culinary Arts (FCS40) (INCULART) (13022550)

Grades: 10 - 12

Credit: 1

Prerequisite: Principles of Hospitality and Tourism

This laboratory course allows students to use principles of planning, organizing, staffing, directing, and controlling the management of a variety of food service operations. The course will provide insight into the operation of a well-run restaurant, food production skills, industry management, and hospitality skills.

Culinary Arts (FCS42) (CULARTS) (13022600)

Grades: 11-12

Credit: 2

Prerequisite- Principles of Hospitality and Tourism and Intro to Culinary Arts

This course is ideal for the student who is interested in pursuing a career in the Culinary Arts. Students will learn fundamentals and principals of the art of cooking and the science of baking and includes management and production skills and techniques. Students will learn how to use large and small equipment in a commercial kitchen and demonstrate the preparation skills of items commonly prepared in food service operations. Students will learn the ethics and legal responsibilities within the restaurant industry.

Advanced Culinary Arts (FCS43) (ADCULART) (13022650)

Grades: 12

Credit: 2

Prerequisite- Principles of Hospitality and Tourism and Intro to Culinary Arts, Culinary Arts

This course is ideal for the student who is interested in pursuing a career in the Culinary Arts. This course will extend content and enhance skills learned in Culinary Arts by in-depth instruction of industry driven standards in order to prepare students for success in higher education, certifications, and/or immediate employment.

Arts, Audio/Visual Technology and Communications Sequence Chart

COURSE NAME	GRADE PLACEMENT				UNIT/ CREDIT (College Credit)	PREREQUISITE
	9	10	11	12		
Professional Communications	X	X	X	X	½	None Satisfies the REQUIRED SPEECH credit
Principles of A/V Tech	X	X	X	X	1	None
A/V Production I with required lab		X	X	X	Class-1 Lab-1	Principles of AV Tech
A/V Production II with required lab			X	X	Class-1 Lab-1	AV Production I
Practicum in Audio/Video Production				X	2	AV Production II and Teacher approval
Video Game Design		X	X	X	1	Principles of A/V Tech or Principles of Information Tech

Arts, Audio/Visual Technology and Communications Electives

Professional Communications (PROFCOMM) (13009900)

Grades: 9 – 12

Credits: 0.5

Prerequisite: None

Professional Communications blends written, oral, and graphic communication in a career-based environment. Careers in the global economy require individuals to be creative and possess 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. Satisfies REQUIRED SPEECH CREDIT.

Principles of Arts, Audio/Visual Technology and Communications (TC61) (PRINAAVTC) (13008200)

Grades: 9-12

Credit: 1

Prerequisite- None

Careers in audio and video technology and film production span all aspects of the audio/video communications industry. Students will develop technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career. Focus will be on learning pre-production skills and basic filming techniques. Students will learn how to operate digital video cameras, lights, and audio equipment. They will learn how to select an idea for filming, create a storyboard, and prepare for filming including blocking and staging. Students will learn to upload film and be introduced to basic editing with the expectation of being able to produce 15 – 30 second films by the end of the year.

Audio/Video Production I with required lab (TC62) (AVPROD1) (13008500)

Grades: 10-12

Credit: Class- 1 credit, Lab- 1 Credit

Prerequisite-Principles of Arts, A/V Technology and Communications

Students will develop advanced knowledge and skills needed for success in the Arts, Audio/video Technology, and Communications career cluster. Focus will be on pre-production, production, and post-production activities. Students will learn how to plan and produce 5-30 minute films using advanced techniques for filming and editing as well as continuing to produce several 15-30 second films. Students will also learn how to write and edit a full script complete with blocking and staging. Students will learn to work in a studio environment using mixing boards and advanced audio equipment.

Audio/Video Production II with required lab (TC63) (AVPROD2)(13008600)

Grades: 11-12

Credit: Class- 1 credit, Lab- 1 Credit

Prerequisite: Audio/Video Production I

Careers in audio and video technology and film production span all aspects of the audio video communications industry. Within this context, in addition to developing advanced knowledge and skills needed for success in the AV Technology, students will be expected to develop an advanced understanding of the industry with focus on pre-production, production and post-production activities.

Practicum in Audio/Video Production (TC65) (PRACAVP1)(13008700)

Grades: 12

Credit 2

Prerequisite: Audio/Video Production II and teacher approval

Careers in audio and video technology and film production span all aspects of the Audio Video communications industry. Within this context, in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio Video Technology and Communications career cluster, students will be expected to develop an increasing understanding of the industry with a focus on applying pre-production, production, and post-production audio and video activities in a studio environment. This course may be implemented in an advanced audio, video, or animation format. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.

Video Game Design (TC80) (VIDEOGD1) (13009970)

Grades: 10-12

Credit 1

Prerequisite: Principles of Arts, A/V Technology and Communications or Principles of Information Technology

Introduction to Video Game Design is a fun and easy text/software design guide that requires no previous knowledge of programming or game design. This text/software design guide introduces students to the fundamentals of video game design and provides hands-on experience. Introduction to Video Game Design integrates cross-curriculum and STEM activities. Students will be required to develop necessary teamwork skills as they work together to create games.

Education and Training Sequence Chart

COURSE NAME	GRADE PLACEMENT				UNIT CREDIT (College Credit)	PREREQUISITE
	9	10	11	12		
Principles of Education and Training	X	X	X	X	1	None
Human Growth and Development		X	X	X	1	Principles of Human Services, Principles of Health Science, or Principles of Education and Training
Instructional Practices in Education and Training			X	X	2	Principles of Education and Training and Human Growth and Development Involves Internship on elementary campus Industry Certification Available
Practicum in Education and Training *Extended Practicum required				X	Prac-2 Exten-1	Instructional Practices in Education Application and Interview Process

Education and Training Electives

Principles of Education and Training (FCS10) (PRINEDTR) (13014200)

Grades: 9-12

Credit: 1

Prerequisites: None.

Principles of Education and Training is designed to introduce learners to the various careers available within the education and training career cluster. Students use self-knowledge and educational and career information to analyze various careers within the education and training career cluster. Students will also gain an understanding of the basic knowledge and skills essential to careers within the education and training career cluster. Students will develop a graduation plan that leads to a specific career choice in the student's interest area.

Human Growth and Development (FCS30) (HUGRDEV) (13014300)

Grades: 10 - 12

Credit: 1

Recommended prerequisites: Principles of Education and Training, Principles of Health Science, or Principles of Human Services

Human Growth and Development is an examination of human development across the lifespan with emphasis upon research, theoretical perspectives, and common physical, cognitive, emotional, and social developmental milestones. The course covers material that is generally taught in a postsecondary, one-semester introductory course in developmental psychology or human development.

Instructional Practices in Education and Training (FCS50) (INPREDTR) (13014400)

Grades: 11-12

Credit: 2

Recommended prerequisites: Principles of Education and Training and Human Growth and Development

Instructional Practices in Education and Training is a field-based internship that provides students with background knowledge of child and adolescent development as well as principles of effective teaching and training practices. Students work under the joint direction and supervision of both a teacher with knowledge of early childhood education and exemplary educators or trainers in direct instructional roles with elementary-, middle school-, and high school-aged students. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, develop materials for educational environments, assist with record keeping, and complete other responsibilities of teachers, trainers, paraprofessionals, or other educational personnel.

Practicum in Education and Training (FCS52) (PRACEDTR) (13014500)**Grades: 12****Credit: 2 (Extended Practicum in Education and Training- 1 additional credit)****Prerequisite: Instructional Practices in Education**

This course is the continuation of Instructional Practices in Education. Students will plan and deliver effective instruction. Students will understand the roll of schools in society. Students will maintain an effective learning environment.

Health Science Electives

COURSE NAME	GRADE PLACEMENT				UNIT CREDIT (College Credit)	PREREQUISITE
	9	10	11	12		
Principles of Health Science	X	X	X	X	1	None
Medical Terminology		X	X	X	1	Principles of Health Science
Human Growth & Development		X	X	X	1	Principles of Education & Training or Principles of Health Science
Anatomy & Physiology			X	X	1	Biology & Chemistry
Health Science Theory/Clinical			X	X	2	Principles of Health Science, Medical Terminology

Principles of Health Science (HS10) (PRINHLSC) (13020200)**Grades: 9-12****Credit: 1****Prerequisite: None**

This course is designed to provide an overview of the therapeutic diagnostic, health informatics, support services, and biotechnology research and development systems of the health care industry. To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, and communicate effectively. Students should realize that quality health care depends on the ability to work well with others.

Medical Terminology (HS20) (MEDTERM) (13020300)**Grades: 10-12****Credit: 1****Prerequisite: Principles of Health Science**

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

Health Science Theory and Clinical**Grades: 11-12****Credit: 2 credits****Prerequisite: Principles of Health Science, Medical Terminology and Teacher Approval Required**

Did you know that there are more than 200 different careers in the medical field? Want to narrow down your choices? This may be the class for you! The course is taught by clinical rotations through community healthcare facilities. Students will learn the importance of collaboration between various disciplines in providing comprehensive health care. This course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Opportunities for hands-on experiences for continued knowledge and skill development will be available in the classroom.

Students are responsible for purchasing scrubs, meeting immunization requirements, and alcohol/drug screens. Students may also need to provide and pay for additional items as requested by rotation facility. Students will need insurance policy coverage and social security number. HOSA membership strongly encouraged. Information sheet required.

Other Electives Sequence Chart

COURSE NAME	GRADE PLACEMENT				UNIT CREDIT (College Credit)	PREREQUISITE
	9	10	11	12		
TSI Prep Course	X	X	X	X	½	None
College Readiness Dual Credit	X	X	X	X	½	TSI Qualifying Scores – reading 347, writing 5 essay or 4 essay and 340 MC This course is prerequisite for all other Lee College Dual Credit courses.
Reading 1	X				1	Teacher or Administrator recommendation
Strategic Writing		X	X	X	.5-1	STAAR English I and English II EOC results and Administrator Approval
Strategic Math		X	X	X	.5-1	STAAR Algebra I EOC results and Administrator Approval
Strategic American History			X	X	.5	STAAR US History EOC results and Administrator Approval

Other Electives

TSI Prep Course (EL30) (N1290050)

Grades 9-12

Credit: ½

Prerequisite -- None

The foundation of this course is a performance-based curriculum designed to develop students' critical reading, math, and academic writing skills. The course integrates preparation in basic academic reading skills, basic math skills, and basic skills in writing a variety of essays. The course will prepare students to take the Texas Success Initiative Assessment prior to the end of the semester.

College Readiness (EL32) (CRSS) (03270100)

Grades 9-12

HS Credit: 0.5

Grades 9-12

College Course Title: Learning Frameworks (EDUC 1200)

College Credit: 2 hours

Prerequisite – Qualifying TSI scores – reading - 347, writing – 5 on essay or 4 on essay and 340 on MC

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

There is a \$125 fee for the semester.

Reading 1 (EL60) (READ1) (03270700)

Grades 9

Credit: 1

Prerequisite - Teacher or Administrator Recommendation

This course offers instruction and practice in the writing process, study skills, library skills, and vocabulary development. Students learn strategies to increase their reading comprehension and ability to analyze literature. Literature includes classics and modern pieces from world literature. This class requires concurrent enrollment in English I and is recommended for students who require instructional support to be successful on the STAAR English I EOC.

Strategic Writing (EL61) (PRACT WR) (03221300)

Grades 10-12

Credit: .5 - 1

Prerequisite - Teacher or Administrator Recommendation

This course offers instruction and practice in the writing process, study skills, library skills, and vocabulary development. This class requires concurrent enrollment in English and is recommended for students who require instructional support to be successful on the STAAR English I or English II EOC. Students earning a 70 or above for the semester will earn ½ state elective credit in Practical Writing each semester as well as up to one (1) full English credit. The English credit awarded will be English 1 as priority (if needed) then allowing English 2, part or whole. The amount of English 2 credits awarded is dependent upon the number of English 1 credits awarded.

Strategic Math (EL62) (STLNHSM) (N1110030)

Grades 10-12

Credit: .5 - 1

Prerequisite - Teacher or Administrator Recommendation

This course reinforces problem solving, graphing linear equations, properties of real numbers, solving equations and inequalities, polynomials, systems, exponents and quadratic equations. This class requires concurrent enrollment in a Math class and is recommended for students who require instructional support to be successful on the STAAR Algebra I EOC. Students earning a 70 or above for the semester will earn ½ state elective credit in Strategic Learning for HS math each semester as well as up to one (1) full Algebra I credit (depending on need).

Strategic American History (EL63) (SPTSS4) (03380042)**Grades 11-12****Credit: .5****Prerequisite - Teacher or Administrator Recommendation**

This course reinforces the study of American history from the post- Civil War period to the present. This class requires concurrent enrollment in a social studies class and is recommended for students who require instructional support to be successful on the STAAR US History EOC. Students earning a 70 or above for the semester will earn ½ state elective credit in Study of Special Topics in social studies as well as up to one (1) full US History credit (depending on need).

Office Aide and Release Period Qualifications

- Seniors Only; No Credit for Course
- Students must have completed all requirements for EOC testing
- Students must be on track to graduate, with at least 21 credits at the conclusion of 11th grade
- Students must have met all requirements in all four core subjects (Math, Science, English, Social Studies)
- Students must NOT have a history of alternative school placement (Highpoint, Alternative School, etc)
- If students receive a release period and then are sent to alternative school he/she will be scheduled for 7 classes for the remainder of the year
- Students placed in ISS will not be allowed to arrive late or leave early during their ISS assignment

In addition to the general qualifications above, students must meet one or more of the following criteria in order to be considered for a release period:

- Student has completed a CTE Coherent Sequence of Courses
- Student has taken either the SAT or ACT or TSIA with qualifying scores: SAT 480-EBRW 530- Math; ACT Eng 18, Math - 22, Reading - 22, Science – 23; TSIA - \geq 351 Reading, \geq Math 350
- Student has been admitted to a 2-year, 4-year, or technical/trade school (documentation required)
- Student must be enrolled in an advanced CTE, AP/PAP, dual-credit, or other advanced class. If this class is dropped, release period privileges will also be revoked. (See counselor for list of advanced courses)

Academic Based Eligibility for Extracurricular Activities, Clubs, and Organizations

Participation in school and school-related activities is an excellent way for a student to develop talents, receive individual recognition, and build strong friendships with other students. Participation, however, is a privilege, not a right. Students shall be permitted to participate in extracurricular activities subject to the following restrictions:

1. During the initial six-week period of the school year, students are eligible to participate in contests provided the following standards have been met:
 - Students beginning in grades nine and below must have been promoted from a lower grade prior to the beginning of the current school year.
 - Students beginning their second year of high school must have earned five credits which count toward state high school graduation requirements.
 - Students beginning their third year of high school either must have earned a total of ten credits which count toward state high school graduation credits or a total of five credits which count toward state high school graduation requirements must have been earned during the twelve months preceding the first day of the current school year.
 - Students beginning their fourth year of high school either must have earned a total of fifteen credits which count toward state high school graduation credits or a total of five credits which count toward state high school graduation requirements must have been earned during the twelve months preceding the first day of the current school year. See UIL website at www.uil.texas.edu for exceptions for migrant students or high school students transferring from out-of-state.
2. A student who receives a grade below 70 at the end of a grading period in any level academic class, or a grade below 60 in any class identified as honors or advanced by either the State Board of Education or by the local Board of Trustees, may not participate in extracurricular activities for at least three school weeks. See chart below.

Dual Credit	Advanced Placement	Pre-Advanced Placement	Other Electives
Learning Frameworks	AP English III – Language	Pre-AP English I	Pre-Calculus
English Comp 1301 & 1302	AP English IV – Literature	Pre-AP English II	Bible & It's Influence
English Comp 2322 & 2323	AP Calculus	Pre-AP Biology	Anatomy and Physiology
College Algebra		Pre-AP Chemistry	
Anatomy & Physiology	AP Spanish IV	Pre-AP Physics	
Biology	AP Human Geography	Pre-AP Geometry	
US History 1301 & 1302			
US Government Online	AP World History	Pre-AP Algebra II	
Economics (Macro) Online	AP US History	Pre-AP Pre-Calculus	
Art Appreciation Online	AP Economics (Macro)	Pre-AP Spanish II	
Art History Online	AP Government	Pre-AP Spanish III	
Psychology Online	AP European History	Pre-AP Psychology	
Sociology Online	AP Psychology	Pre-AP Algebra 1	
OnRamps English IV	AP Biology		
OnRamps Statistics	AP Physics		
OnRamps Geoscience	AP Chemistry		
OnRamps Computer Science	AP Environmental Science		
Intro to Physical Fitness			
Public Speaking	AP 2D Art		

3. A student with disabilities who fails to meet the standards in the individualized education program (IEP) may not participate for at least three school weeks.
4. An ineligible student may continue to practice or rehearse with other students for an extracurricular activity but may not participate in a competition or other public performance. The student is not permitted to travel with the organization, team, etc. to the event while suspended from participating due to grades.
5. Students who have not completed required work prior to the end of the grading period due to an excused absence will receive an “incomplete”. Students with an “incomplete” grade are ineligible until the “I” is replaced with a passing grade. Students with an incomplete in a course may regain their eligibility when the “I” is replaced with a passing grade provided:
 - The “I” is due to an excused absence.
 - The work is made up within one week of the student’s return to school.
6. A student is allowed up to ten absences in a school year for school-related or school-sanctioned activities on or off campus, not related to post-district competition. A maximum of five absences is allowed for post-district competition, prior to state, and a maximum of two absences for state competition. All extracurricular activities and public performances, whether UIL activities or other activities approved by the Board, are subject to these restrictions regarding eligibility.
7. A student who misses a class because of participation in an activity that has not been approved will receive an unexcused absence.
8. Students must be in attendance at least 4 class periods on the day of the activity to participate in any extracurricular activity unless prior approval is given by the principal.

There shall be no new material assigned in any subject during the final week of each semester when exams are given to allow all subjects at least one day of review and study prior to examinations. Consolidation of material covered during the semester should be the sole emphasis during this time.

Appendix

Crosby High School Personal Graduation Plan

Name: _____ ID #: _____ Grade: _____ Date: _____

Date(s) Amended: _____ Year Entered 9th Grade _____

Campus _____ Campus _____ Campus _____ Campus _____

Subject:	9th Grade	Credit	10th Grade	Credit	11th Grade	Credit	12th Grade	Credit
English	English I	1	English II	1	English III	1	English IV	1
Math	Algebra I/Geometry	1	Geometry/ Algebra II	1	Algebra II/ Adv Math	1	4th Math	1
Science	Biology	1	IPC/Chemistry	1	Chem/Physics/3rd science	1	4th science	1
Social Studies	World Geography	1	World History	1	US History	1	Government/Economics	1
Foreign Language								
Fine Arts								
PE								
Speech								
Elective								
Elective								
Elective								
Elective								
HighSchool Credits earned in Middle School								
Total Credits		7		7		7		7

Graduation Plan			Endorsement:		CTE Coherent Sequence <i>to be completed by CTE Dept</i>		College Readiness Results	
Subject	CHS Foundation Plan Credits	+ Endorsement Courses/Credits			CodeCTE	Sem/Year		
English	4		STEM				PSAT	_____
Math	4		Business/Industry				SAT	_____
Science	4		Arts/Humanities				ACT	_____
Social Studies	4		Public Services				TSI	_____
Foreign Language	2		Multidisciplinary				Reading	_____
Fine Arts	1		STAAR EOC scores				Writing	_____
PE	1		English I				Math	_____
Speech	.5		English II					
Electives	1.5		Algebra					
Total Credits:	22		4	Biology				
		26	US History					

Graduation Plan Type:	
Foundation*	X
+ Endorsement	X
Distinguished	
*Requires principal's approval	

The importance of a high school graduation plan that includes one or more endorsements, the distinguished level of achievement, the importance of post-secondary education, automatic college admission, and eligibility for financial aid have been explained to me.

Student Signature

Parent Signature

Counselor Signature

Date

Date

Date

