China Spring High School

Mission Statement

Our mission, in partnership with the community, is to provide individualized learning experiences to prepare students for success in life.

Vision Statement

Our vision in China Spring ISD is to strive for continuous improvement of our educational system by providing opportunities for all to achieve excellence.

Administrative & Counseling Staff

Principal	Dr. Max Rutherford	mrutherford@chinaspringisd.net
Assistant Principal	Haily Rambo	hrambo@chinaspringisd.net
Assistant Principal	Jarratt Shipp	jshipp@chinaspringisd.net
Counselor (last name A-I)	Jami Bihl	jbihl@chinaspringisd.net
Counselor (last name J-Q)	Sara Shiels	sshiels@chinaspringisd.net
Counselor (last name R-Z)	Meghan Harvey	mharvey@chinaspringisd.net

Helpful Links

China Spring ISD	www.chinaspringisd.net
House Bill 5	www.tea.texas.gov/graduation-requirements/hb5.aspx
Texas Education Agency	www.tea.state.tx.us
Career Exploration	www.careercruising.com

China Spring ISD is embracing the challenge of preparing our students for the increased academic and social demands of the 21st century. China Spring High School continues to provide unique educational options for enhancing the knowledge and skills required for employment in a knowledge-based economy. In order for China Spring ISD to be successful in preparing our students for life after high school, a focused educational plan must be in place.

Developing a four-year high school plan and updating it annually keeps students on track to graduation and in sight of their post-secondary plans. The process of four-year planning encourages students to explore career opportunities as well as post-secondary possibilities. Students should use it as a tool that will help them make intelligent choices about their lives after high school. Annually, students develop and update four-year plans with their counselor's assistance. Students and their parents are encouraged to utilize this tool in conjunction with graduation requirements.

Beyond core graduation requirements, four-year planning allows students to create a road map preparing them to meet college and career pathway requirements. The intent of sequences of courses is not to force students to choose a career, but rather to provide them the opportunity to explore a multitude of career options. The pathways will ultimately provide students a lens through which they can begin to see the connection between a strong academic background and personal career goals.

The goal of China Spring High School is to provide a comprehensive educational program that will give students the opportunity to excel and advance their skills and knowledge to be prepared for post-secondary endeavors through rigorous curriculum, relevant experiences, and lasting relationships. To help accomplish this goal we have created this comprehensive guide to graduation plans and course offerings. This catalog is your road map to academic success at China Spring High School. It has been designed to help students and parents plan for high school years so that students may be adequately prepared for college and/or a career.

The Texas Education Initiative, *House Bill 5,* is designed to prepare all students for a lifetime of success. The initiative calls for parents to be actively involved in their children's education and career plan. Endorsement pathways are a way to energize and motivate students to learn and achieve with relevant and engaging curriculum. These pathways allow students to achieve by preparing them for secondary and postsecondary opportunities, career preparation and advancement, meaningful work and active citizenship.

Table of Contents

Course Offering Index

Graduation Plan

Foundation Graduation Plan

Discipline	Foundation Credits	+ Endorsement(s) Credits	Distinguished Credits
English	**4**		
Math	**3**	**1**	**Including Algebra 2**
Science	**3**	**1**	
Social Studies	**3**		
Foreign Language	**2**		
Physical Education	**1**		
Fine Art (Band, Choir, Theatre, Music Exploration, Art, or Floral Design)	**1**		
Elective (to include 1 credit HS CTE, 0.5 credit Speech & 0.5 credit Health)	**5**	**2**	
TOTAL	**22**	**26**	**26**

- **4 English courses – English I, II and III and advanced English**
- **2 Math courses – must include Algebra 1 and Geometry**
- **3 Science courses – must include Biology and IPC or Chemistry**
- **3 Social Studies courses – World History, US History, Government and Economics**

A student can earn Performance Acknowledgements for outstanding performance:

In a dual credit course
On a College Board advanced placement (AP) test
On the PSAT, ACT-Plan, SAT or ACT

A student may also earn a performance acknowledgement for earning a nationally or internationally recognized business or industry certification or license.

Counseling Center Scheduling Philosophy

(The following applies to scheduled courses as well as the course selection process)

Courses should be selected with parental input and guidance from the counseling center. Parents may request a conference with the counseling center at any time to discuss their child's course selections and four-year plan.

The course catalog will be published online during the second semester. Parents and students should take time to read the catalog and be prepared to select courses when they return for the Spring Semester.

Courses listed in the catalog are subject to student selection patterns and staffing availability. The counseling center has made every effort to only include courses in the catalog that have a legitimate chance of being part of the master schedule. Though certain courses may be offered, they may not actually become part of the master schedule.

Teachers and staff are hired, and the master schedule is set, including class sizes, according to student selections. Staffing needs are dependent upon the integrity of this process.

In the spring semester, students will meet individually with their guidance counselor to discuss and submit course selections for the upcoming school year

Scheduling

Deadlines for Schedule Change Request

The deadline for the fall semester is 10 days after the first day of school.

The deadline for the spring semester is 5 days after the start of the spring semester.

For a change from an Advanced Tier class to Regular Tier class the deadline is within the first 10 days of school, at the end of the first six weeks, or at the end of the semester.

Possible Reasons for Schedule Changes:

The need to balance class sizes

Scheduling error

Student gets accepted into a course that requires an audition or application process

The prerequisite for a course has not been fulfilled

Senior not enrolled in a course required for graduation

Student enrolled in a course that he or she already has gained credit in

Student is removed from a program

The following requests will NO LONGER be approved:

Requests for a teacher change

Request for a lunch change

Request for an elective change

Request to drop a course after the deadline

Request to add a course after the deadline

Request for a class period change

Miscellaneous Notes

___All students must attend at least 5 graded courses per day (240 minutes) in order to be in compliance with state attendance requirements.

- Any schedule change could result in other changes to the schedule
- For eligibility purposes, the UIL allows a one-week window from the end of a grading period to complete work due to an incomplete.
- Any incompletes not cleared after the one-week window will result in the student being declared ineligible.

State Standardized Testing Information

State-mandated standardized tests (End-of-Course) will be administered for the following courses:

Algebra 1
Biology
English 1
English 2
US History

These tests are exit-level tests which must be passed in order to receive a Texas high school diploma and/or (HB-5) endorsement.

Counseling Center Commonly Asked Questions: FAQs

How do I use this catalog?
This catalog should be used to assist you in your academic planning with counselors. Descriptions are divided into Core Content and Elective areas. Descriptions include course content, grade placement, prerequisites, and credits. Credit is generally awarded or denied at the end of each semester. Students are required to achieve a grade of 70 or higher and comply with the state's compulsory attendance requirements to receive credit in the course.

What is the purpose of Endorsements, Pathways or Course Sequences? Endorsements align school course offerings to student interests through relevant and engaging curriculum. They are subdivided into Pathways, which guide students toward more specific career goals. Within each Pathway, course sequences have been built to guide students through opportunities that will support their interests.

Are all courses offered each year?
Elective courses are offered as a result of student interest. If there is insufficient enrollment of a course or certified teachers are not available to teach the course, the course will not be offered and alternate selections will be made. Students choose specific courses with counselor guidance and parent approval. Counselors verify that these choices meet graduation requirements.

My child is interested in a Fine Arts area but is currently pursuing a different Endorsement. Is it possible to do both?
Students can take courses in more than one Endorsement. In fact, it is encouraged so that students make connections with the integration of courses that meet their interests and needs.

Are there courses that are offered as substitutions for PE Credit?
Several courses may substitute for PE credits: first semester Marching Band; Cheerleading; Dance; and Athletics. These are subject to change, so please see your counselor for more information.

Are there off campus activities that will count for PE Credit?
China Spring ISD may award up to two credits for physical education for appropriate private or commercially-sponsored physical activity programs conducted off campus. This requires pre-approval; see a counselor for an application.

If you have any other questions, please contact the China Spring High School Counseling Center at 254-836-1771.

Advanced Placement

Dual and Articulated Credit

Opportunities

Advanced Placement

Advanced Placement (AP) courses offer students a rigorous academic program built on the commitment, passion, and hard work of students and educators from both secondary schools and higher education. Since 1955, the AP Program has enabled millions of students to take college-level courses and exams, and to earn college credit or placement while still in high school.

There are several benefits to taking AP courses including receiving weighted high school credit the opportunity to receive college credit. Students who take AP courses are more likely to graduate from college than those who do not take them. A 2008 study found that AP students had better four-year graduation rates than those who did not take AP. For example, graduation rates for AP English Literature students were 62 percent higher than graduation rates for those who took other English courses in high school. Taking AP courses also increases eligibility for scholarships and makes candidates more attractive to colleges.

31 percent of colleges and universities consider a student's AP experience when making decisions about which students will receive scholarships.

85 percent of selective colleges and universities report that a student's AP experience favorably impacts admissions decisions.

China Spring High School currently offers the following ten AP courses: Art Drawing Portfolio, Art Two-Dimensional Design Portfolio, Biology, Chemistry, Calculus AB, Environmental Science, English Literature, English Language and Composition, Music Theory, Spanish and U.S. History. Students who choose to enroll in an AP course must take the AP exam in May. Those enrolled in AP courses must prepay the exam fee at registration. The fee for each AP exam is $95. Checks will not be deposited until the 1st school day following the 10th day of the 1st six weeks. Students not paying for the exam by the deadline will either be removed from the course or will not receive weighted credit. If an AP student scores a 3 or higher on his or her exam, China Spring High School will reimburse the exam fee. For more information about China Spring High School's AP program, please contact the counseling center.

COLLEGE DUAL CREDIT OPPORTUNITY

Academic- McLennan Community College (MCC)

Partnership between MCC and China Spring High School
High School Credit and College Credit Earned Concurrently
Admission Requirements

- Minimum of 80% GPA
- Texas Success Initiative (TSI)

- TSI Exemption - If you meet any of the conditions below, you do not need to take a placement test for Texas Success Initiative (TSI) requirements.

Dual Credit TSI Exemptions

Your scores on ACT, SAT or STAAR meet or exceed minimum requirements.

STAAR EOC Scores

English 2	English 3	Algebra 1	Algebra 2
4000+	Level 2 Final Phase-In Score	4000+ **AND** passing grade for Algebra 2	Level 2 Final Phase-In Score

Other Test Scores

Assessment	Combined/Composite	Reading/English	Math
ACT	23	19 English	19
SAT (old)	1070	500 Critical Reading	500
SAT, March 2016 and later	None	480 EBRW	530
ACT-Aspire		435 English	431
PSAT (new)		460 EBRW	510

- Students must meet both composite score **and** the relevant subject score standard(s).
- Combined score for SAT (old) does NOT include the writing score.

Dual Credit Information for Parent / Student

Tuition payment is required (tuition waivers for qualifying students are available through the CSHS Counseling Center)

Parents **must** attend informational Dual Credit meeting and sign Dual Credit agreement

High School Counseling Center must approve

Student will be responsible for the purchase of textbooks

Any student seeking to enroll in early admission courses must have prior approval by the high school principal.

COLLEGE ARTICULATED CREDIT OPPORTUNITY

McLennan Community College (MCC)

The courses listed below currently have articulation with McLennan Community College for the 2018-19 school year. Students who have fulfilled the learning outcome objectives with the College's identified course based on the completion of the high school level course with a grade of "B" or better, and who are recommended as being competent in this subject matter, will be recognized for three credit hours at McLennan Community College.

***Courses are evaluated yearly; courses may be added or deleted.**

***Articulation credit is contingent on CSHS teacher certification.**

China Spring High School course	MCC course
Business Information Management I (BIMI)	ITSC 1301 Introduction to Computers
Business Information Management I (BIMI)	ITSW 1301 Introduction to Word Processing
Digital and Interactive Media	ARTC 1302 – Digital Imaging
Graphic Design and Illustration	ARTC 1313 Digital Publishing
Culinary Arts	CHEF 1305 Sanitation & Safety
Small Animal Management	VTHT 1205 Veterinary Terminology
Practicum in Ag – Veterinary	VTHT 1301 Intro to Veterinary Technology
Accounting	ACNT 1303 Introduction to Accounting

Other courses taught at China Spring High School that may be eligible for articulation are listed below. Check with your college upon registration for college courses that may apply.

Anatomy & Physiology

Lifetime Nutrition & Wellness

Foundation Plan and Endorsements with Pathways

Foundation High School Program

China Spring High School offers pathways to receive endorsements in Business and Industry, Public Service, Arts and Humanities, Multidisciplinary, and STEM (Science, Technology, Engineering and Mathematics).

ARTS AND HUMANITIES ENDORSEMENT

ART, BAND, CHOIR, THEATER, FOREIGN LANGUAGE, AND SOCIAL STUDIES

ENDORSEMENT PATHWAYS

9 Grade	10th Grade	11th Grade	12th Grade
ART			
ART 1	ART 2	ART 3 ART 3 AP	ART 4 ART 4 AP
MUSIC			
BAND 1 CHOIR 1	BAND 2 CHOIR 2	BAND 3 CHOIR 3	BAND 4 CHOIR 4
THEATER			
THEATER 1	THEATER 2	THEATER 3	THEATER 4
LANGUAGE			
SPANISH 1/SPANISH 1 HONORS	SPANISH 2/ SPANISH 2 HONORS	SPANISH 3/SPANISH 3 HONORS	SPANISH 4 AP
SOCIAL STUDIES			
WORLD GEOGRAPHY	WORLD HISTORY	US HISTORY or AP / DUAL CREDIT	GOVT/ECO regular or DUAL CREDIT and PSYCH/SOC

***Due to lack of student interest, a career pathway may not make.

***Courses and information are subject to change as CSHS continues to clarify details of the Foundation High School and Endorsements

BUSINESS AND INDUSTRY ENDORSEMENT

AGRICULTURE, FOOD, & NATURAL RESOURCES-ANIMAL SCIENCES
AGRICULTURE, FOOD, & NATURAL RESOURCES-PLANT SCIENCES
AGRICULTURE, FOOD, & NATURAL RESOURCES-AG MECHANICS
MANUFACTURING
HOSPITALITY AND TOURSIM
ARTS, A/V TECH & COMMUNICATION
FINANCE
YEARBOOK, A/V TECH & COMMUNICATION/IT
DEBATE

ENDORSEMENT PATHWAYS

9 Grade	10th Grade	11th Grade	12th Grade
AGRICULTURE, FOOD, & NATURAL RESOURCES-ANIMAL SCIENCES			
PRINCIPLES OF AG, FOOD, & NR	LIVESTOCK PRODUCTION	SMALL ANIMAL MANAGEMENT/ EQUINE SCIENCE	PRACTICUM of AFNR or Advanced Animal Science
AGRICULTURE, FOOD, & NATURAL RESOURCES-PLANT SCIENCES			
PRINCIPLES OF AG, FOOD, & NR	FLORAL DESIGN (Fulfills the Art graduation requirement)	HORTICULTURAL SCIENCE	PRACTICUM of AFNR or Adv Floral Design
AGRICULTURE, FOOD, & NATURAL RESOURCES-AG MECHANICS			
PRINCIPLES OF AG, FOOD, & NR	AG MECH TECH	AGRICULTURAL STRUCTURES DESIGN & FAB	PRACTICUM of AFNR
MANUFACTURING			
PRINCIPLES OF MANUFACTURING	DIVERSIFIED MANUFACTURING 1	DIVERSIFIED MANUFACTURING 2	PRACTICUM IN MANUFACTURING
HOSPITALITY AND TOURSIM			
INTRO to CULINARY ARTS	CULINARY ARTS (2 Class Periods)	ADV CULINARY ARTS	PRAC of CULINARY ARTS
ARTS, A/V TECH & COMMUNICATION			
BUSINESS INFORMATION MGMT 1	BUSINESS INFORMATION MGMT 2	GRAPHIC DESIGN	ANIMATION
FINANCE			
BUSINESS INFORMATION MGMT 1	BUSINESS INFORMATION MGMT 2	ACCOUNTING 1	ACCOUNTING 2
YEARBOOK, A/V TECH & COMMUNNICATION/IT			
BUSINESS INFORMATION MGMT 1	YEARBOOK 1 - DIGITAL MEDIA	YEARBOOK 2 - GRAPHIC DESIGN 1	YEARBOOK3 - GRAPHIC DESIGN 2
DEBATE			
INTRO to DEBATE (Fulfills the Speech Requirement)	DEBATE 1	DEBATE 2	DEBATE 3

***Due to lack of student interest, a career pathway may not make.

***Courses and information are subject to change as CSHS continues to clarify details of the Foundation High School and Endorsements

MULTIDISCIPLINARY ENDORSEMENT

4 x 4 CONTENT AREA (4 CREDITS IN EACH FOUR CORE)

ENDORSEMENT PATHWAY

9 Grade	10th Grade	11th Grade	12th Grade
4 Credits in EACH of the FOUR FOUNDATION SUBJECT AREAS (4 X 4 Content Area)			
ENGLISH 1	ENGLISH 2	ENGLISH 3 / ENGLISH 3 AP or DC	ENGLISH 4 / ENGLISH 4 AP or DC
ALGEBRA 1 / GEOMETRY	GEOMETRY / ALGEBRA 2	ALGEBRA 2 / PRE-CAL	ALG Reasoning / PRE-CAL/ AP CAL/ ENG. MATH
ENVIRO SYS / BIOLOGY	BIOLOGY / CHEMISTRY	CHEMISTRY / AP CHEM / PHYSICS	PHYSICS or other Science
		IPC / PRINCIPLES OF TECHNOLOGY begins with 2025 cohort	
WORLD GEOGRAPHY	WORLD HISTORY	US HISTORY / US HISTORY AP or DC	GOV/ ECO or GOV/ ECO DUAL CREDIT

*****To include English IV, Chemistry and/or Physics.**

***Due to lack of student interest, a career pathway may not make.

***Courses and information are subject to change as CSHS continues to clarify details of the Foundation High School and Endorsements

PUBLIC SERVICE ENDORSEMENT

ENDORSEMENT PATHWAY

9 Grade	10th Grade	11th Grade	12th Grade
PRINCIPLES OF HUMAN SERVICES	One (1) Semester of EACH Course: LIFETIME NUTRITION & WELLNESS and DOLLARS AND SENSE	COUNSELING AND MENTAL HEALTH or HUMAN GROWTH & DEVELOPMENT	ANATOMY & PHYSIOLOGY (Reg/Hon) or FAMILY & COMMUNITY SERVICES

***Due to lack of student interest, a career pathway may not make.

***Courses and information are subject to change as CSHS continues to clarify details of the Foundation High School and Endorsements

STEM ENDORSEMENT
(Science, Technology, Engineering and Math)

MATH

(Total of 5 credits including completion of Algebra 2 and two additional math courses with Algebra 2 being a pre-requisite)

SCIENCE

(Total of 5 credits including completion of Physics and two additional science courses)

ENDORSEMENT PATHWAYS

9 Grade	10th Grade	11th Grade	12th Grade
MATH - Total of 5 credits including completion of Algebra 2 and two additional math classes - Must Complete Chemistry & Physics			
ALGEBRA 1/ALGEBRA 1 HONORS	GEOMETRY/GEOMETRY HONORS	ALGEBRA 2/ALGEBRA 2 HONORS	PRE-CAL/ PRE-CAL HONORS and ENGINEERING MATH
(ALGEBRA 1 credit received in MS) GEOMETRY/GEOMETRY HONORS	ALGEBRA 2/ALGEBRA 2 HONORS	PRE-CAL/ PRE-CAL HONORS ENGINEERING MATH -pre-req of Alg 2 Hon	AP CALCULUS or ENGINEERING MATH
SCIENCE - Total of 5 credits including completion of Chemistry & Physics and two additional science courses - Must Complete Algebra 2			
BIOLOGY/BIOLOGY HONORS	CHEMISTRY/CHEMISTRY HONORS	PHYSICS/PHYSICS HONORS AP CHEMISTRY - pre-req of Alg 2 & Chem	** select 2 additional science courses AP BIOLOGY AP ENVIRONMENTAL SCIENCE AP CHEMISTRY ANAT & PHYS/ ANAT &PHYS HON SCIENTIFIC RESEARCH & DESIGN
ENVIRONMENTAL SYSTEMS begins with 2025 cohort	BIOLOGY/BIOLOGY HON	CHEMISTRY/CHEMISTRY HON and ENVIRO SYS if IPC credit in 9th grade IPC / PRINCIPLES OF TECHNOLOGY begins with 2025 cohort	PHYSICS/PHYSICS HON **and** ** select 1 additional adv science course

*****MUST COMPLETE ALGEBRA 2, CHEMISTRY, PHYSICS**

STEM-MATH requires a total of 5 credits in Math by sucessfully completing Algebra 1, Geometry, Algebra 2 and two aditional courses for which Algebra 2 is a prerequisite.

STEM-SCIENCE requires a total of 5 credits in Science by successfully completing Biology, Chemistry, Physics and two additional advanced science courses.

***Due to lack of student interest, a career pathway may not make.

***Courses and information are subject to change as CSHS continues to clarify details of the Foundation High School and Endorsements

CORE ACADEMIC COURSE DESCRIPTIONS

ENGLISH LANGUAGE ARTS

ENGLISH I
2 semesters--1 credit--Grade Placement: 9

Students will develop oral and written communication skills with an emphasis on literature. They will read various types of literature and study literary devices and terms appropriate to specific literary genres. Students will also use the library and various forms of technology, plus improve their spelling, grammar, and vocabulary. Students completing this course will be required to take an end-of-course test administered as approved by the state of Texas.

ENGLISH I HONORS
2 semesters--1 credit--Grade Placement: 9

This course is designed for the student who shows proficiency in basic language arts and writing. It includes an intense study of multicultural forms of literature while writing various essays and applying literary terminology to the literature. Grammar and vocabulary also will be studied. Preparation for the AP exam is the focus. Students completing this course will be required to take an end-of-course test administered as approved by the state of Texas. *This course receives weighted credit.*

ENGLISH II
2 semesters--1 credit--Grade Placement: 10

Students will continue learning basic principles of standard English such as grammar, composition, vocabulary, literature, oral communication, and technology use. Students completing this course will be required to take an end-of-course test administered as approved by the state of Texas.

ENGLISH II HONORS
2 semesters--1 credit--Grade Placement: 10

Students will continue their preparation for the AP exam with a more intense examination of literature. This endeavor will include writing analytical essays, learning more grammar, and expanding their vocabulary. Students completing this course will be required to take an end-of-course test administered as approved by the state of Texas. *This course receives weighted credit.*

ENGLISH III
2 semesters--1 credit--Grade Placement: 11

The course incorporates grammar and composition into American literature units. Students will continue their development of vocabulary, grammar, oral communication skills, and use of technology. A research paper is required. Focus is placed on the SAT exam.

ENGLISH III ADVANCED PLACEMENT – Language & Composition
2 semesters--1 credit--Grade Placement: 11

The AP English Language and Composition course focuses on the development and revision of evidence-based analytic and argumentative writing and the rhetorical analysis of nonfiction texts. Students write multiple timed, analytical essays along with a formal research paper. Students must pay for and take the AP English exam in May. *This course receives weighted credit.*

ENGLISH III DUAL CREDIT MCC (1301 / 1302)
2 semesters--1 credit--Grade Placement: 11

The course requires a commitment beyond that of the regular English classes. Upon completion of the course the student will obtain 1 high school English III credit and 6 hours of college credit. The Dual Credit English Course will meet the basic requirements of English 1301 and 1302 offered at MCC and that of English III at China Spring High School. In the first semester, the students will be required to write a total of four essays, one of which will be a five to ten page in-depth research essay. In the second semester, students will be required to write four essays, one of which will be an eight to ten page in-depth research paper. Students must maintain a C or higher college average to take another semester of college courses. If the semester average is below 'C', the student will be placed into a regular high school English III course. *This course receives weighted credit.*

ENGLISH IV
2 semesters--1 credit--Grade Placement: 12

This course is designed to prepare students for basic college-level courses and technical education. It emphasizes analysis and history of British literature. Students practice note-taking, study and reasoning skills, outlining, and organizational skills. Students study the development of the English language and literature from the various time periods in British history. Each student will write a research paper on an aspect of British literature. Students also will cover the different modes of writing and incorporate grammatical review into those writing exercises.

ENGLISH IV ADVANCED PLACEMENT - Literature
2 semesters--1 credit--Grade Placement: 12

The AP English Literature and Composition course focuses on reading, analyzing, and writing about imaginative literature (fiction, poetry, drama) from various periods. Students must pay for and take the AP English exam in May. *This course receives weighted credit.*

ENGLISH IV DUAL CREDIT MCC (1301 / 1302)
2 semesters--1 credit--Grade Placement: 12

The course requires a commitment beyond that of the regular English classes. Upon completion of the course the student will obtain 1 high school English IV credit and 6 hours of college credit. The Dual Credit English Course will meet the basic requirements of English 1301 and 1302 offered at MCC and that of English IV at China Spring High School. In the first semester, the students will be required to write a total of four essays, one of which will be a five to ten page in-depth research essay. In the second semester, students will be required to write four essays, one of which will be an eight to ten page in-depth research paper. Students must maintain a C or higher college average to take another semester of college courses. If the semester average is below 'C', the student will be placed into a regular high school English IV course. *This course receives weighted credit.*

ENGLISH IV DUAL CREDIT MCC (2327 / 2322)
2 semesters--1 credit--Grade Placement: 12

Prerequisite: English 1301/1302 or Qualifying scores on English III Advanced Placement Test
Must be advised by MCC prior to the start of school.
The course requires a commitment beyond that of the regular English classes. Upon completion of the course the student will obtain 1 high school English IV credit and 6 hours of college credit. The Dual Credit English Course will meet the basic requirements of English 2327 and 2322 offered at MCC and that of English IV at China Spring High School. In the first semester, the students will be required to explore American literature until the Civil War. In the second semester, students will be required to examine British literature until the Romantics. Students must maintain a C or higher college average to take another semester of college courses. If the semester average is below C, the student will be placed into a regular high school English IV course. *This course receives weighted credit.*

ENGLISH RESOURCE I, II, III, IV
2 Semesters each--1 credit each—Grade Placement: 9-12

Resource students placed in Resource English by an ARD Committee may take this English to review English operations as applied to life situations. Content of the course is individualized to the student's needs.

COLLEGE PREPARATORY ENGLISH
2 Semesters each--1 credit each—Grade Placement:12

Students will reinforce critical reading, composition, and communication skills that are necessary to ensure successful access of college level-texts and expectations of post-secondary writing. These skills are acquired through vertical alignment of process standards and include drafting, revision, editing, inferencing, and metacognition during the reading and composition process. This reinforcement of skills is intended to support the preparation of students for collegiate level coursework.

MATHEMATICS

ALGEBRA I
2 Semesters--1 credit--Grade Placement: 9

Students study basic language of algebra, basic properties and operations of the real number system; solving equalities, inequalities, and compound sentences with one variable and systems of linear sentences; division of polynomials; operations involving rational expressions in open sentences and problems; irrational numbers, and quadratic equations. Students completing this course will be required to take an end-of-course test administered as approved by the state of Texas.

ALGEBRA I HONORS
2 Semesters--1 credit--Grade Placement: 9

You are about to embark on the course that lays the foundation for virtually all of higher mathematics. Algebra I is useful in various careers and is essential for college-bound students. In this class, we will explore expressions, solving equations, axioms and properties, operations with negative numbers, operations with polynomials, operations with radicals, quadratic equations, expressions and equations containing two variables, linear functions, scattered data, probability, properties of exponents, rational algebraic expressions, radical algebraic expressions, inequalities, and functions. Students completing this course will be required to take an end-of-course test administered as approved by the state of Texas. *This course receives weighted credit.*

ALGEBRA II
2 semesters--1 credit--Grade Placement: 10-11

Prerequisites: Algebra 1, Geometry
Algebra II is designed to help students skillfully and productively apply algebra. Students study a system of complex numbers. A comprehension of the concept of functions and the importance of functions in mathematics is one objective. The students will learn to apply algebraic concepts to a variety of problem situations. Topics for the first semester include real numbers; algebra and properties and problem solving; equations and inequalities; relations, functions, and graphs; systems of equations; polynomials and polynomial equations; rational equations; and expressions. The second semester includes powers, roots, and complex numbers; quadratic equations; quadratic functions and transformations; equations of second degree; polynomial functions; and exponential and logarithmic functions.

ALGEBRA II HONORS
2 semesters--1 credit--Grade Placement: 10-11

Prerequisites: Algebra 1, Geometry
In Algebra II Honors, the students will continue to build on the basic understandings of number, operation, and quantitative reasoning; patterns, relationships, and algebraic thinking; geometry; measurement; and probability and statistics. They will perceive functions and equations as means for analyzing and understanding a broad variety of relationships and as a useful tool for expressing generalizations. The students will use a variety of representations, tools, and technology, and model mathematical situations to solve meaningful problems. They will continually use problem solving, computation in problem-solving contexts, language and communication, connections within and outside mathematics, and reasoning, as well as multiple representations, applications and modeling, and justification and proof. Topics for the first semester include functions and relations; linear functions; systems of linear equations and inequalities; quadratic functions and complex numbers; exponential and logarithmic functions; and rational algebraic functions. The second semester includes irrational algebraic functions; quadratic relations and systems; higher-degree functions and complex numbers; sequences and series; probability, data analysis, and functions of a random variable; trigonometric and circular functions; and triangle problems. *This course receives weighted credit.*

ALGEBRAIC REASONING
2 semesters--1 credit--Grade Placement: 12

Prerequisites: Algebra 1, Geometry, and Algebra II
In Algebraic Reasoning, students will build on the knowledge and skills for mathematics in Algebra I, continue with the development of mathematical reasoning related to algebraic understandings and processes, and deepen a foundation for studies in subsequent mathematics courses. Students will broaden their knowledge of functions and relationships, including linear, quadratic, square root, rational, cubic, cube root, exponential, absolute value, and logarithmic functions. Students will study these functions through analysis and application that includes explorations of patterns and structure, number and algebraic methods, and modeling from data using tools that build workforce and college readiness such as probes, measurement tools, and software tools, including spreadsheets.

COLLEGE PREPARATORY MATHEMATICS
2 Semesters--1 credit--Grade Placement 12

Students will reinforce critical numeracy awareness in relations, functions, inequalities, expressions and equations, all with a specific focus in linear and quadratic expressions using real numbers. Additionally, this course will review geometric relationships and the fundamentals of data analysis and statistics. This reinforcement of skills is intended to support preparation of students for collegiate level coursework.

CALCULUS ADVANCED PLACEMENT
2 Semesters--1 credit--Grade Placement: 12

Prerequisite: Pre-calculus Honors or with Pre-Calculus Teacher recommendation
Differential calculus is explored using the foundation principles of limit and continuity. Emphasis is on real - world problem situations using computerized technology. The inverse process of integration is introduced and practical utilization of the Fundamental Theorems of Calculus. Students must pay for and take the Advanced Placement Calculus AB test in May. *This course receives weighted credit.*

ENGINEERING MATH
2 Semesters--1 credit--Grade Placement: 11-12

Prerequisite: Algebra 2 Honors or with Algebra 2 Teacher recommendation
Engineering Mathematics is a course where students solve and model robotic design problems. Students use a variety of mathematical methods and models to represent and analyze problems involving data acquisition, spatial applications, electrical measurement, manufacturing processes, materials engineering, mechanical drives, pneumatics, process control systems, quality control, and robotics with computer programming. *This course receives weighted credit.*

GEOMETRY
2 Semesters--1 credit--Grade Placement: 9-10

Prerequisite: Algebra 1
Geometry develops powers of logical thought while familiarizing the students with the mathematical laws and concepts of two and three-dimensional figures. Geometry also provides many practical skills that the student will need after graduation. Geometry studies include elements of geometric angles; perpendicular lines, parallel lines, and planes, congruent triangles, applying congruent triangles, and similar polygons. Topics include right triangles, circles, areas and volumes, constructions and loci, coordinate geometry, and transformations.

GEOMETRY HONORS
2 Semesters--1 credit--Grade Placement: 9-10

Prerequisite: Algebra 1
In Honors Geometry, the students will understand that spatial reasoning plays a critical role in geometry and that shapes and figures provide powerful ways to represent mathematical situations and to express generalizations about space and spatial relationships. They will study properties and relationships having to do with size, shape, location, direction, and orientation of geometric figures of zero, one, two, and three dimensions and the relationships among them. The students will perceive the connection between geometry and the real and mathematical worlds and use geometric ideas, relationships, and properties to solve problems. They will use a variety of representations (concrete, pictorial, algebraic, and coordinate), tools, and technology to solve meaningful problems by representing figures,

transforming figures, analyzing relationships, and proving things about them. Topics for the first semester include algebraic problem solving techniques; geometric constructions; points, lines, planes and angles; connecting reasoning and proofs; using perpendicular and parallel lines; identifying congruent triangles; applying congruent triangles; and exploring quadrilaterals. The second semester includes connecting proportion and similarity; applying right triangles and trigonometry; analyzing circles; exploring polygons and area; investigating surface area and volume; coordinate geometry; and loci and coordinate transformations. *This course receives weighted credit.*

MATH MODELS WITH APPLICATIONS (MMA)

2 Semesters--1 credit--Grade Placement: 12

Prerequisite: Successful completion of Algebra II

Students apply algebraic, graphical, and geometric reasoning to problem-solving situations to determine the most reasonable solution. Technology and other mathematical tools are used to connect concepts to real-life applications.

PRE-CALCULUS

2 Semesters--1 credit--Grade Placement: 11-12

Prerequisite: Algebra 2

Pre-calculus is a course designed to enhance and extend the student's knowledge of mathematics beyond that of Algebra II. Pre-calculus may serve as the final high school mathematics for college bound students and or as a prerequisite for Calculus at the high school/college level. Pre-calculus emphasizes algebraic and transcendental functions and their graphs, analytic geometry concepts, trigonometry concepts, complex numbers, polar coordinates, vectors, parametric equations, sequences, and series, as well as a complete review and extenuation of conic sections. Calculator (computer) graphics technology is an integral part of the study of pre-calculus. Interdisciplinary applications of real-world situations serve to challenge students.

PRE-CALCULUS HONORS

2 Semesters--1 credit--Grade Placement: 11-12

Prerequisite: Algebra 2 Honors or with Algebra 2 Teacher recommendation

Pre-calculus Honors is a course designed to enhance and extend the student's knowledge of mathematics beyond that of Algebra II. Pre-calculus Honors may serve as the final high school mathematics for college bound students and or as a prerequisite for Calculus at the high school/college level. Pre-calculus Honors emphasizes algebraic and transcendental functions and their graphs, analytic geometry concepts, trigonometry concepts, complex numbers, polar coordinates, vectors, parametric equations, sequences, and series, as well as a complete review and extenuation of conic sections. Calculator (computer) graphics technology is an integral part of the study of pre-calculus. Interdisciplinary applications of real-world situations serve to challenge students. *This course receives weighted credit.*

RESOURCE:
ALGEBRA 1, GEOMETRY,
MATHEMATICAL MODELS WITH APPLICATIONS, & ALGEBRA 2
2 Semesters each--1 credit each --Grade Placement: 9-12

Resource students placed in Resource Math by an ARD Committee may take the one of the above courses to review math operations as applied to life situations. Content of the course is individualized to the student's need.

SCIENCE

ADVANCED ANIMAL SCIENCE
2 Semesters--1 credit--Grade Placement: 12

Prerequisites: Biology, Chemistry, Algebra 1, Geometry, and Livestock Production or Small Animal Management/Equine Science
This course examines the interrelatedness of human, scientific, and technological dimensions of livestock production. Instruction is designed to allow for the application of scientific and technological aspects of animal science through field and laboratory experiences. To prepare for careers in the field of animal science, students must attain academic skills and knowledge, acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry standards.

ANATOMY AND PHYSIOLOGY
2 Semesters--1 credit--Grade Placement: 12

Prerequisites: Biology, Chemistry
The Anatomy and Physiology course is designed for students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Anatomy and Physiology will study a variety of topics and investigations that deal with the human body systems, functions, homeostasis, diseases and career explorations.

ANATOMY AND PHYSIOLOGY HONORS
2 Semesters--1 credit--Grade Placement: 12

Prerequisites: Biology, Chemistry
The Honors Anatomy and Physiology course is designed for students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Honors Anatomy and Physiology will study on an enhanced level a variety of topics and investigations that deal with the human body systems, functions, homeostasis, diseases and career explorations. *This course receives weighted credit.*

AQUATIC SCIENCE
2 Semesters--1 credit--Grade Placement: 12

Prerequisites: Biology plus two additional science courses
Students will study the interactions of biotic and abiotic components in aquatic environments, including impacts on aquatic systems. Investigations and field work in this course may emphasize fresh water and/or marine aspects of aquatic science.

BIOLOGY
2 Semesters--1 credit--Grade Placement: 10

The course considers the structure and function of the total organism, taxonomy as its related to organisms and their environment, reproductive processes, human anatomy, genetics, life cycles, and cellular biology. Students completing this course will be required to take an end-of-course test administered as approved by the state of Texas.

BIOLOGY HONORS
2 Semesters--1 credit--Grade Placement: 9-10

Prerequisite: 9th grade student must have 8th grade Honors Science
10th grade student must have successful completion of IPC

The Honors Biology course is designed to prepare students for AP Biology. The material covered will be the same as Biology using the same textbook. The Honors course differs significantly from Biology with respect to the range and depth of topics covered, work done by students, and the time and effort required of students. The topics covered will include: a. Molecules and cells-25%; b. Heredity and evolution-25%, Organisms and populations-50%. Students completing this course will be required to take an end-of-course test administered as approved by the state of Texas. *This course receives weighted credit.*

BIOLOGY ADVANCED PLACEMENT

2 Semesters--1 credit--Grade Placement: 11-12

Prerequisites: Biology, Chemistry

The AP Biology course is designed to be the equivalent of a college introductory biology course usually taken by biology majors during their first year. The AP course in biology differs significantly from the usual first high school course in biology with respect to the kind of textbook used, the range and depth of topics covered, the kind of laboratory work done by students, and the time and effort required of students. The AP Biology course is designed to be taken by students after successful completion of a first course in high school biology and chemistry. Students must pay for and take the AP Biology examination in May. *This course receives weighted credit.*

CHEMISTRY
2 Semesters--1 credit--Grade Placement: 10-11

Prerequisite: Algebra 1, Biology

The topics discussed are scientific measurement, problem solving, atomic structure, chemical names and formulas, chemical quantities and chemical reactions. The topics discussed are stoichiometry, gas laws,

quantum mechanics, the periodic table, bonding, properties of solutions, acid and bases, and oxidation-reduction reactions.

CHEMISTRY ADVANCED PLACEMENT
2 semesters--1 credit--Grade Placement: 11-12

Prerequisites: Biology, Chemistry, Algebra 2
The AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first college year. The students in the course will attain a depth of understanding of fundamentals and a reasonable competence in dealing with chemical problems. This course differs from the first secondary school course in chemistry with the respect to the kind of textbook used, the topics covered, the emphasis on chemical calculations and the mathematical formulation of principles. The recommended mathematics prerequisite for an AP chemistry class is the successful completion of a second-year algebra course. The AP Chemistry course is designed to be taken by students who have a solid foundation from chemistry and prepare to meet the challenges of this course. Students must pay for and take the AP Chemistry examination in May. *This course receives weighted credit.*

CHEMISTRY HONORS
2 Semesters--1 credit--Grade Placement: 10-11

Prerequisite: Algebra 1, Biology
This first year chemistry course is a rigorous study of matter and energy. Emphasis of this course will focus on topics such as stoichiometry, thermodynamics, equilibrium and kinetics. Forty percent of the coursework is in active laboratory situations where students are asked to mathematically analyze what they observe. Successful completion of this course thoroughly prepares students for the Advanced Placement course in chemistry. A minimum of 30 minutes of study per night is recommended and 1 hour per week is recommended for preparation of a required independent research project. *This course receives weighted credit.*

ENVIRONMENTAL SYSTEMS
2 Semesters--1 credit--Grade Placement: 9 -12

Prerequisite: None as of 9th grade entering HS 2021-2022 (prior to 2021-2022 Biology)
This course is a study of ecology, biomes, flow, of energy, field studies of populations, and community involvement in recycling and comity beatification. A study of pollution problems will include air, land, water, natural resources, population, growth, and wildlife.

ENVIRONMENTAL SCIENCE ADVANCED PLACEMENT
2 Semesters--1 credit--Grade Placement: 11 - 12

Prerequisites: Biology, Chemistry
The course integrates the sciences, including biology, chemistry and earth science with the social sciences to analyze contemporary environmental problems, such as pollution, resource acquisition, biodiversity, global warming and overpopulation. Students will examine alternative solutions for resolving and/or preventing these environmental problems. A strong laboratory and field investigation component is included. Students should have a willingness to invest sufficient outside time to engage in enrichment assignments. This course is designed to be the equivalent of a college introductory environmental science course. Students must pay for and take the AP Environmental Systems examination in May. *This course receives weighted credit.*

INTEGRATED PHYSICS AND CHEMISTRY (IPC)
2 Semesters--1 credit--Grade Placement: 11-12 as of students entering HS 2021-2022

Students study the nature of science, the use of the metric system, properties of matter, the structure of the atom, characteristics of elements, use of the Periodic table, ionic and covalent bonding, mixtures and solutions, chemical reactions; acids, bases, and salts; and organic chemistry. Students study forces, motion, velocity, acceleration, Newton's laws, simple machines, kinetic and potential energy, work power, electricity, magnetism, waves, sound, and light.

PHYSICS
2 Semesters--1 credit--Grade Placement: 11-12

Prerequisites: Algebra 1, Biology, Chemistry
This course emphasizes creative and critical thinking skills. Students will solve problems, plan and carry out laboratory investigations, and will be involved in both guided and independent research activities. The major emphasis will be a study of vectors, motion, dynamics, sound, light, harmonics, and the various laws and forces of physics.

PHYSICS HONORS
2 Semesters--1 credit--Grade Placement: 11-12

Prerequisites: Algebra 1, Biology, Chemistry
This course is designed for students who show special abilities and interests in physical science. It emphasizes creative and critical thinking skills. Students will solve problems, plan and carry out laboratory investigations, and will be involved in both guided and independent research activities. The major emphasis will be a study of vectors, motion, dynamics, sound, light, harmonics, and the various laws and forces of physics. *This course receives weighted credit.*

SCIENTIFIC RESEARCH AND DESIGN (SCIRD)
2 Semesters--1 credit--Grade Placement: 12

Prerequisites: Biology, Chemistry, IPC or Physics

Scientific Research and Design is a broad-based course designed to allow districts and schools considerable flexibility to develop local curriculum to supplement any program of study or coherent sequence. The course has the components of any rigorous scientific or engineering program of study from the problem identification, investigation design, data collection, data analysis, formulation, and presentation of the conclusions. All of these components are integrated with the career and technical education emphasis of helping students gain entry-level employment in high-skill, high-wage jobs and/or continue their education. Science, as defined by the National Academy of Sciences, is the "use of evidence to construct testable explanations and predictions of natural phenomena, as well as the knowledge generated through this process." This vast body of changing and increasing knowledge is described by physical, mathematical, and conceptual models. Students should know that some questions are outside the realm of science because they deal with phenomena that are not scientifically testable. Scientific inquiry is the planned and deliberate investigation of the natural world. Scientific methods of investigation are experimental, descriptive, or comparative. The method chosen should be appropriate to the question being asked. Scientific decision making is a way of answering questions about the natural world. Students should be able to distinguish between scientific decision-making methods (scientific methods) and ethical and social decisions that involve science (the application of scientific information). A system is a collection of cycles, structures, and processes that interact. All systems have basic properties that can be described in space, time, energy, and matter. Change and constancy occur in systems as patterns and can be observed, measured, and modeled. These patterns help to make predictions that can be scientifically tested. Students should analyze a system in terms of its components and how these components relate to each other, to the whole, and to the external environment. *This course receives weighted credit.*

SOCIAL STUDIES

ECONOMICS
1 Semester--0.5 credit--Grade Placement: 12

Prerequisites: World History, U.S. History
The course will develop economic literacy through analysis of economic principles and theories about the world economy. Students will be introduced to economics terms and the concepts of scarcity, wants, needs, demand, supply, and the effect of prices and outside social factors on the world's economy. By encouraging the use of outside resources such as community contacts, scholarly books, research documents, statistical data, novels, magazines, newspapers, and audio-visual materials, the student's understanding of principles and theories of economics will become useful in a practical way.

ECONOMICS- MCC DUAL CREDIT (2301)
1 Semester--0.5 credit--Grade placement: 12

Prerequisites: World History, U.S. History
Concepts and topics are the same as those in Economics but with a greater depth and variety of activities that the students will complete. Upon completion of the course the student will obtain 0.5 high school Economics credit and 3 hours of college credit. The Dual Credit Economics Course will meet the basic requirements of Economics 2301 offered at MCC and that of Economics at China Spring High School.
This class receives weighted credit.

U.S. GOVERNMENT
1 Semester--0.5 credit--Grade Placement: 12

Prerequisites: World History, U.S. History
This course provides students with a detailed analysis of the administration of the U.S. government, the unique qualities of the American political process, and an insight into the forces the shape American political thought and philosophy. Through careful reading and observation of political philosophies that inspired the American political dream, students are better able to understand the roles of today's government in their lives.

U.S. GOVERNMENT DUAL CREDIT MCC (2305)
1 Semester--0.5 credit--Grade Placement: 12

Prerequisites: World History, U.S. History
Using the subjects described above, the class will give students the opportunity to solve problems, plan and implement ideas, and to make judgments through the use of simulations. The course provides students with the opportunity to be involved in exploratory thinking through participating in debates,

interpreting primary sources, and writing individual reports. Students will use research as a tool to stimulate creative, productive, and critical thinking. Upon completion of the course the student will obtain 0.5 high school U.S. Government credit and 3 hours of college credit. The Dual Credit U.S. Government Course will meet the basic requirements of U.S. Government 2305 offered at MCC and that of the U.S. Government at China Spring High School. *This course receives weighted credit.*

U.S. HISTORY
2 semesters--1 credit--Grade Placement: 11

Prerequisite: World History
This course provides students with a full year of content based on the United States of America. Students gain a chronological framework from the beginning of the country to the present age of nuclear superiority. Each period of history explores political, social, and cultural aspects and allows critical thinking opportunities linking to the past and present. Students completing this course will be required to take an end-of-course test administered as approved by the state of Texas.

U.S. HISTORY ADVANCED PLACEMENT
2 semesters--1 credit--Grade Placement: 11

Prerequisite: World History
This AP course provides students with a full year of content based on the United States of America. Students gain a chronological framework from the beginning of the country to the present age of nuclear superiority. Each period of history explores political, social, and cultural aspects and allows critical thinking opportunities linking to the past and present. Students must pay for and take the AP U.S. History examination in May. Students completing this course will be required to take an end-of-course test administered as approved by the state of Texas. *This course receives weighted credit.*

U.S. HISTORY DUAL CREDIT MCC (1301 & 1302)
2 semesters--1 credit--Grade placement: 11

Prerequisite: World History
This course provides students with a full year of excitement, intrigue, and life changing events that only history can provide. Students gain a chronological framework from pre-history to the present age of nuclear superiority. Each period of history explores political, social, and cultural aspects and allows critical thinking opportunities linking to the past and present. Upon completion of the course the student will obtain 1 high school U.S. History credit and 6 hours of college credit. The Dual Credit U.S. History Course will meet the basic requirements of U.S. History 1301 & 1302 offered at MCC and that of U.S. History at China Spring High School. Students must maintain a C or higher college average to take another semester of college courses. If the semester average is below 'C', the student will be placed into a regular high school U.S. History course. **Students completing this course will be required to take an end-of-course test administered as approved by the state of Texas.** *This course receives weighted credit.*

WORLD GEOGRAPHY

2 Semesters--1 credit--Grade Placement: 9-12

Students learn of the implications of peoples and nations interacting in their environment. Cultural regions, and problems nations face plus geographic skills, history, trade, daily life, religion, education, and government of the world's nations will be studied.

WORLD HISTORY

2 Semesters--1 credit--Grade Placement: 10

This course provides students with a full year of excitement, intrigue, and life changing events that only history can provide. Students gain a chronological framework from pre-historic cultures to the present age of nuclear superiority. Each period of history explores political, social, and cultural aspects and allows critical thinking opportunities linking to the past and present.

FOREIGN LANGUAGE

SPANISH I
2 Semesters--1 credit--Grade Placement: 9-11

Students will learn basic Spanish conversational skills. Emphasis is placed on verb tenses and vocabulary. Cultural readings will be given every six weeks. Projects are scheduled throughout the year.

SPANISH I HONORS
2 Semesters--1 credit--Grade Placement: 9

This Honors course is recommended for students who are interested in pursuing the AP sequence in which Spanish I is the first of four progressive levels.
The curricula is proficiency based, and offers an accelerated approach to advanced level concepts and processes for the highly capable, ambitious, and motivated student. Active daily student participation; flexible and fluent thinking; application of inquiry, synthesis, and evaluation skills; practices in proficiency; and development of self-directed projects are the major characteristics of this honors program. The units of study include: vocabulary development; phonetics and intonation; regular and irregular verb conjugations, present, present progressive, and preterite tenses; prepositions; interrogatives; adjectives; adverbs; definite and indefinite articles; nouns; pronouns, direct and indirect object; geography; culture; and related careers. *This course receives weighted credit.*

SPANISH II
2 Semesters--1 credit--Grade Placement: 10-12

Prerequisite: Spanish I
Spanish II is a continuation of skills of Spanish I. More verb tenses and extensive vocabulary are learned. More cultural studies will be read, and a major project is done second semester.

SPANISH II HONORS
2 Semesters--1 credit--Grade Placement: 10

Prerequisite: Spanish I Honors or Spanish I (with teacher recommendation)
Recommended to students who are interested in pursuing the AP sequence in which Spanish II is the second of four progressive levels.
The curricula is proficiency based, and offers an accelerated approach to advanced level concepts and processes for the highly capable, ambitious, and motivated student. Active daily student participation; flexible and fluent thinking; application of inquiry, synthesis, and evaluation skills; practices in

proficiency; and development of self-directed projects are the major characteristics of this honors program. *This course receives weighted credit.*

SPANISH III
2 Semesters--1 credit--Grade Placement: 11-12

Prerequisites: Spanish I, Spanish 2
These classes require a review of basic concepts and continue with advanced grammar and usage. Emphasis is placed on conversational skills. Letter writing and career-oriented vocabulary are included, along with the study of the development of Hispanic civilizations. A project is required every six weeks.

SPANISH III HONORS
2 Semesters--Grade Placement: 11

Prerequisites: Spanish I, Spanish II Honors or Spanish II (with teacher recommendation)
Recommended to students who are interested in pursuing the AP sequence in which Spanish III is the third of four progressive levels.
The curricula is proficiency based, and offers an accelerated approach to advanced level concepts and processes for the highly capable, ambitious, and motivated student. Active daily student participation; flexible and fluent thinking; application of inquiry, synthesis, and evaluation skills; practices in proficiency; and development of self-directed projects are the major characteristics of this honors program. *This course receives weighted credit.*

SPANISH IV AP
2 Semesters--1 credit--Grade Placement: 11-12

Prerequisite: Spanish I, Spanish II, Spanish III Honors or Spanish III (with teacher recommendation)
The AP Spanish Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP Spanish Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in Spanish.

The AP Spanish Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions). Students must pay for and take the AP Spanish examination in May. *This course receives weighted credit.*

ELECTIVE COURSE DESCRIPTIONS

Courses are offered on a year to year basis –
based upon student selection and teacher availability.

ACCOUNTING I
2 semesters--1 credit--Grade Placement: 11-12

Prerequisites: Business Information Management 1, minimum required math course Algebra I
The students learn the "language of business" and how to keep financial records for a sole proprietorship and partnerships. They are given the opportunity to improve problem solving abilities, evaluate work, interpret data, and communicate effectively. The course is especially worthwhile for anyone thinking about majoring in business in college. Since many college degree plans require one or more courses in accounting, taking accounting in high school gives the student a distinct advantage.

ACCOUNTING II
2 semesters--1 credit--Grade Placement: 12

Prerequisites: Accounting I
In Accounting II, students will continue the investigation of the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students will reflect on this knowledge as they engage in various managerial, financial, and operational accounting activities. Students will formulate, interpret, and communicate financial information for use in management decision making. Students will use equations, graphical representations, accounting tools, spreadsheet software, and accounting systems in real-world situations to maintain, monitor, control, and plan the use of financial resources.

AGRIBUSINESS MANAGEMENT AND MARKETING
2 semesters--1 credit--Grade Placement: 12

Prerequisites: Principles of Agriculture, Food, and Natural Resources and one additional plant or animal course
To be prepared for careers in agribusiness systems, students need to attain academic skills and knowledge, acquire technical knowledge and skills related to agribusiness marketing and management and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. This course is designed to provide a foundation to agribusiness management and the free enterprise system. Instruction includes the use of economic principles such as supply and demand, budgeting, record keeping, finance, risk management, business law, marketing, and careers in agribusiness. Units include supply & demand, budgeting, employability characteristics, globalization of careers. Examining world markets, students will learn the many facets of management and economic principles. An extensive period of time will be spent on marketing as the class creates a business plan and marketing approach.

AGRICULTURAL FACILITIES DESIGN AND FABRICATION
2 semesters--1 credit--Grade Placement: 11-12

Prerequisite: Agricultural Mechanics and Metal Technologies
Students will be prepared for careers in mechanized agriculture and technical systems, students attain knowledge and skills related to agricultural facilities design and fabrication. Students explore career opportunities, entry requirements, and industry expectations. To prepare for success, students reinforce, apply, and transfer their academic knowledge and technical skills in a variety of settings.

AGRICULTURAL MECHANICS AND METAL TECHNOLOGIES
2 semesters--1 credit--Grade Placement: 10-12

Prerequisite: Principles of Agriculture, Food, and Natural Resources
Students will be prepared for careers in agricultural power, structural, and technical systems, students need to attain academic skills and knowledge; acquire technical knowledge and skills related to power, structural, and technical agricultural systems and the industry; and develop knowledge and skills regarding career opportunities, entry requirements, industry certifications, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer knowledge and skills and technologies in a variety of settings. 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 metalworking techniques.

ANIMATION
2 Semesters--1 credit--Grade Placement: 12

Prerequisite: Graphic Design and Illustration
Careers in animation span all aspects of motion graphics. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an understanding of the history and techniques of the animation industry.

APPLIED MUSIC I-IV
2 Semesters--1 credit--Grade Placement: 9-12

Prerequisites: must have instructor approval and concurrently enrolled in Band I-IV.
In Applied Music, students receive small group or private instruction designed to develop and refine performance skills. (This course is for students that already perform on an instrument.) Students will be required to participate in an All-Region audition in the fall and perform a solo and/or an ensemble in the spring UIL contest.

ART I
2 Semesters--1 credit--Grade Placement: 9-12

This course lays the basic foundation for learning art processes, procedures, theories, history and art judgment. The approach is experimental in use of materials (drawing, painting, printmaking, fibers, ceramics, sculpture, jewelry, and photography/filmmaking) but structured to provide students a strong foundation in design, drawing, and vocabulary.
Material Requirements: Brad-folder for handouts/notes, wooden pencil, eraser and sketchbook

ART II
2 semesters--1 credit--Grade Placement: 10-12

Prerequisite: Art I
In Art II, students explore design elements and principles through composition, abstraction, and expression. They also study contour gesture, and other techniques, with emphasis on representation of volume. They explore use of papers, cardboards and fabric in combination with charcoal, pastels, pen and ink, brushes, felt tips, and mixed media.
Materials Requirements: Pencil, eraser and sketchbook.

ART III
2 Semesters--1 credit--Grade Placement: 11-12

Prerequisites: Art I, Art II and an electronic portfolio approval
Students use art elements and principles to develop skills and sensitivity in a variety of methods and techniques. They increase awareness of composition with abstract, non-objective, and realistic renderings. Students will use many drawing materials and tools with emphasis on perfecting individual approaches to drawing. Students will also explore commercial art. Students will perform in the UIL Vase competition in early Spring.
Materials Requirements: Pencil, eraser and sketchbook.

ART III AP
2 Semesters--1 credit--Grade Placement: 11-12

Prerequisites: Art I, Art II and an electronic portfolio approval
Students develop and expand visual literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learning about, understanding, and applying the elements of art, principles of design, and expressive qualities. The student uses what the student sees, knows, and has experienced as sources for examining, understanding, and creating original artworks. Students must submit a 24+ project Art Portfolio in 2D design or Drawing in the Spring semester. Students will perform in the UIL Vase competition in early Spring. All related AP fees must be paid within the first 10 days of school. *This course received weighted credit.*
Materials Requirements: wooden pencil, eraser, sketchbook and art portfolio

ART IV
2 Semesters--1 credit--Grade Placement: 12

Prerequisites: Art I, Art II, Art III and an electronic portfolio approval
Students focus on developing in-depth art concentrations through contemporary ideas specific to drawing, various drawing techniques, media, surfaces, compositional tools, styles, artists, history, and aesthetics. Students begin to develop personal style and evaluate their own work more critically. Students will perform in the UIL Vase competition in early Spring.
Materials Requirements: Pencil, eraser and sketchbook.

ART IV AP
2 Semesters--1 credit--Grade Placement: 12

Prerequisites: Art I, Art II, Art III or Art III AP and an electronic portfolio approval
Students develop and expand visual literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learning about, understanding, and applying the elements of art, principles of design, and expressive qualities. The student uses what the student sees, knows, and has experienced as sources for examining, understanding, and creating original artworks. Students must submit a 24+ project Art Portfolio in 2D design or Drawing in the Spring semester. Students will perform in the UIL Vase competition in early Spring.
All related AP fees must be paid within the first 10 days of school. *This course receives weighted credit.*
Materials Requirements: Wooden pencil, eraser, sketchbook and art portfolio

ATHLETICS/PE EQUIVALENT
2 Semesters--1 credit--Grade Placement: 9-12

Classes during school: (Credit Awarded)
UIL Football: all equipment is furnished
UIL Basketball: must furnish shoes
UIL Volleyball: must furnish shoes, knee pads, and spandex
UIL Tennis: must furnish shoes, workout clothes, and tennis racket

After school only (No Credit):
UIL Golf: must furnish shoes and clubs
UIL CC & Track: must furnish shoes
UIL Baseball: must furnish shoes and a glove
UIL Soccer: must furnish shoes, shin guards, and cold weather gear
UIL Softball: must furnish shoes and glove
Powerlifting

BAND I, II, III, IV (Varsity Marching and Symphonic/Concert/Cadet Bands)
2 Semesters--1 credit each level--Grade Placement: 9-12

Prerequisite: Previous completion level of Band II, III or IV
Any student who has completed eighth grade band with sufficient instrumental proficiency may enroll in Band in High School. Band is a Fine Art elective in which superior performance of the fundamentals of music reading and performance is stressed. For credit purposes, Marching Band (Fall Semester) may be used as a substitute for P.E.; therefore a student can fulfill all P.E. requirements by participating in band for two years in grades 9-12. Performance requirements in the fall semester will include all football games, pep rallies, powder puff game, concerts, and various other school activities.

For the spring semester, students will audition for placement into one of the three performing Concert Bands. Band students, as a group, will compete for UIL ratings in Marching, Concert, and Sight reading Contests. Individually, students will be encouraged to audition for the TMEA or ATSSB All-Region Bands, Centex Honor Band, and perform at the UIL Solo & Ensemble Contest. Many of these individual competitions provide outstanding students the opportunity to advance to the State Level of competition.

The Varsity Band may, at the director's discretion, take a one-day trip to an invitational contest in late spring. The band will traditionally, again at the directors' discretion, take an overnight trip approximately every three years adhering to the following schedule, Spring 2018, 2021.

BUSINESS INFORMATION MANAGEMENT I (BIM 1)
2 Semesters--1 credit--Grade Placement: 9-12

This course introduces basic concepts and skills related to microcomputer systems. The student will practice word processing, spreadsheet, and database systems. Students should enter the course with keyboarding skills and knowledge of letter forms, etc. learned in keyboarding class. The course applies to both the college-bound and non-college-bound and prepares students for a variety of business, personal and school computer uses.

BUSINESS INFORMATION MANAGEMENT II (BIM 2)
2 Semesters--1 credit--Grade Placement: 10-12

Prerequisite: Business Information Management I
Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce or postsecondary education. Students apply technical skills to address business applications of emerging technologies, create complex word-processing documents, develop sophisticated spreadsheets using charts and graphs, and make an electronic presentation using appropriate multimedia software.

CAREER PREPARATION I & II
2 Semesters-- 2-3 credits (2016-17 only)--Grade Placement: 11-12

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

CHEERLEADING/PE EQUIVALENT
2 Semesters--1 credit--Grade Placement: 10-12

Prerequisite: Judging selection process in spring
This course will concentrate on the physical activities in the athletic sport of cheerleading. Students will develop skills necessary for competition as well as for athletic functions in which they play a major role.

CHOIR I, II, III, IV
2 semesters--1 credit each level--Grade Placement: 9-12

Prerequisite: Previous completion level of Choir II, III or IV
A balanced focus will be placed on learning music theory as well as developing vocal skill and choral technique. The choir will have the opportunity to perform in different settings throughout the year, as well as UIL Concert and Sight reading competition and an out-of-town contest in the spring. Students may audition for the select choirs or select the all men's or all women's choirs.

BelCanto (all Women) – audition
Concert Choir (all Women) – no audition required
Concert Choir (all Men) – no audition
Men's Choir (all Men) – audition
Chorale – audition
Show Choir – audition – must also be in one other choir simultaneously

COLLEGE TRANSITION
1 - 2 Semesters--0.5-1 credit--Grade Placement: 11-12

This course is designed to equip students with the knowledge, skills and abilities necessary to be active and successful learners both in High School and in College. Students research colleges, requirements for enrollment, application process and college financing.

COMPUTER SCIENCE I
2 Semesters--1 credit--Grade Placement: 10-12

Prerequisite: Algebra 1
Computer Science I will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of the principles of computer science through the study of technology operations, systems, and concepts.

COMPUTER SCIENCE II
2 Semesters--1 credit--Grade Placement: 11-12

Prerequisite: Algebra 1, Computer Science I
Computer Science II will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of computer science through the study of technology operations, systems, and concepts.

COUNSELING AND MENTAL HEALTH
2 Semesters--1 credit--Grade Placement: 11-12

Prerequisite: Principles of Human Services
In Counseling and Mental Health, students model the knowledge and skills necessary to pursue a counseling and mental health career through simulated environments. Students are expected to apply knowledge of ethical and legal responsibilities, limitations, and the implications of their actions. Professional integrity in counseling and mental health care is dependent on acceptance of ethical and legal responsibilities.

INTRO to CULINARY ARTS
2 Semesters--1 credit--Grade Placement: 9-12

Prerequisite: None
Introduction to Culinary Arts will emphasize the principles of planning, organizing, staffing, directing, and controlling the management of a variety of food service operations. The course will provide insight into the operation of a well-run restaurant. Introduction to Culinary Arts will provide insight into food production skills, various levels of industry management, and hospitality skills. This is an entry level course for students interested in pursuing a career in the food service industry. This course is offered as a classroom and laboratory-based course.

CULINARY ARTS
2 Semesters--2 credits--Grade Placement: 10-12

Prerequisite: Intro to Culinary Arts
This laboratory course addresses knowledge and skills related to food preparation and presentation. Students interested in a career of hospitality and cooking will be equipped with advanced culinary skills. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.
This course requires two class periods.

ADVANCED CULINARY ARTS
2 Semesters--2 credits--Grade Placement: 11

Prerequisite: Culinary Arts
This laboratory course addresses knowledge and skills related to food preparation and presentation. Advanced Culinary Arts will extend content and enhance skills introduced in Culinary Arts by in-depth instruction of industry-driven standards in order to prepare students for success in higher education, certifications, and/or immediate employment.

DANCE/PE EQUIVALENT
2 Semesters--1 credit--Grade Placement: 9-12

Prerequisite: Judging selection process in spring
This course will concentrate on the physical activities in the athletic sport of dance. Students will develop skills necessary for competition as well as for athletic functions in which they play a major role.

DEBATE I, II, III
2 semesters--1 credit each level--Grade Placement: 10-12

Prerequisite: Intro to Debate
This course challenges students to combine public speaking with research on topics of national and world importance. Students will learn the cross-examination form of debate, and debate both sides of an issue during the first semester. Second semester will concentrate on the UIL Debate topic, and will lead to UIL Tournament debating mock trial contests. The course will require research time beyond most other fine arts elective, but offers an exciting experience in extemporaneous thinking and speaking.

DIVERSIFIED MANUFACTURING I
2 Semesters--1 credit--Grade Placement: 10-12

Prerequisite: Algebra 1, Principles of Manufacturing
In Diversified Manufacturing I, students gain knowledge and skills in the application, design, production, and assessment of products, services, and systems and how those knowledge and skills are applied to manufacturing. The study of manufacturing systems allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings in a manufacturing setting. Diversified Manufacturing I allows students the opportunity to understand the process of mass production by using a wide variety of materials and manufacturing techniques. Knowledge about career opportunities, requirements, and expectations and the development of skills prepare students for workplace success.

DIVERSIFIED MANUFACTURING II
2 Semesters--1 credit--Grade Placement: 11-12

Prerequisite: Diversified Manufacturing I
In Diversified Manufacturing II, students will gain knowledge and skills in the application, design, production, and assessment of products, services, and systems and how those knowledge and skills are applied to manufacturing. The study of manufacturing systems allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings in a manufacturing setting. Diversified Manufacturing II allows students the opportunity to understand the process of mass production by using a wide variety of materials and manufacturing techniques. Knowledge about career opportunities, requirements, and expectations and the development of skills prepare students for workplace success.

DOLLARS and SENSE
1 Semester--0.5 credit--Grade Placement: 10-12

Prerequisite: Principles of Human Services
THIS COURSE IS PAIRED WITH 1 SEMESTER OF LIFETIME NUTRITIOUS & WELLNESS
Dollars and Sense focuses on consumer practices and responsibilities, money-management processes, decision-making skills, impact of technology, and preparation for human services careers.

EQUINE SCIENCE
1 Semester--0.5 credit--Grade Placement: 11-12

Prerequisite: Principles of Agriculture, Food, and Natural Resources
THIS COURSE IS PAIRED WITH 1 SEMESTER OF SMALL ANIMAL MANAGEMENT.
To be prepared for careers in the field of animal science, students need to enhance academic knowledge and skills, acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. Suggested animals which may be included in the course of study include, but are not limited to, horses, donkeys, and mules.

FAMILY AND COMMUNITY SERVICES
2 Semesters--1 credit--Grade Placement: 12

Prerequisite: Principles of Human Services
This course is designed to involve students in realistic and meaningful community-based activities through direct service experiences. Students are provided opportunities to interact and provide services to individuals, families, and the community through community or volunteer services. Emphasis is placed on developing and enhancing organizational and leadership skills and characteristics. Students are required to participate in extended learning experiences through FCCLA and be affiliated members.

FLORAL DESIGN
2 Semesters--1 credit--Grade Placement: 10-12

Prerequisite: Principles of Agriculture, Food, and Natural Resources
To be prepared for careers in floral design, students need to attain academic skills and knowledge as well as technical knowledge and skills related to horticultural systems and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply and transfer their knowledge and skills and technologies in a variety of settings. This course is designed to develop students' ability to identify and demonstrate the principles and techniques related to floral design as well as develop an understanding of the management of floral enterprises. Through the analysis of artistic floral styles and historical periods, students develop respect for the traditions and contributions of diverse cultures. Students respond to and

analyze floral designs, thus contributing to the development of lifelong skills of making informed judgments and evaluations.
This course satisfies the Fine Art graduation requirement.

FOUNDATIONS OF PHYSICAL EDUCATION, TEAM SPORTS
2 Semesters--1 credit--Grade Placement: 9-12

Students study rules of a variety of sports and participate in aerobic and lifetime sports activities as well as traditional team sports. A maximum of 2 credits may be earned in Physical Education. Students must dress out and abide by the dress code set forth by the teacher.

GRAPHIC DESIGN AND ILLUSTRATION (GDI)
2 Semesters--1 credit--Grade Placement: 11-12

Prerequisite: Business Information Management I
This is an introductory course that explores the various elements and principles of design and how they fit together. Graphic Design is defined as the process of using a computer and page layout software to arrange text and images on a page for printing. An emphasis is placed on terminology, design techniques, color, and software training. This course also introduces digital drawing strategies, concepts, and specialized illustration techniques. Students will use Microsoft Word and Adobe Illustrator to create digital illustrations. Adobe Photoshop, and Microsoft PowerPoint will also be used extensively to create projects.

HEALTH
1 Semester--0.5 credit--Grade Placement: 11-12

THIS COURSE PAIRS WITH ONE SEMESTER OF PROFESSIONAL COMMUNICATION.
This survey course covers understanding the human body, mental health, nutrition, exercise and fitness, drugs/alcohol/tobacco/, diseases and disorders, first aid and safety, consumer health, and family and social health. Health behavior modification and responsible decision making skills are emphasized as well as self-responsibility for wellness.

HORTICULTURE SCIENCE
2 Semesters--1 credit--Grade Placement: 11-12

Prerequisite: Principles of Agriculture, Food, and Natural Resources
To be prepared for careers in horticultural systems, students need to attain academic skills and knowledge, acquire technical knowledge and skills related to horticulture 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

knowledge and skills in a variety of settings. This course is designed to develop an understanding of common horticultural management practices as they relate to food and ornamental plant production.

HUMAN GROWTH AND DEVELOPMENT
2 Semesters--1 credit--Grade Placement: 11-12

Prerequisite: 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.

INDEPENDENT STUDY in SPEECH
2 Semesters--1 credit--Grade Placement: 12

Prerequisite: Professional Communications, Intro to Debate or Instructor approval
Independent Study of Speech is an honors course available for senior students who have an introductory level speech credit. The course takes an in depth look into the different components of communication studies – paying close attention to the impacts of culture in communication and the linguistic impact of rhetoric in society. Students will examine how cultural identity and language have shaped the way that we communicate in the modern world as well as how this communication shapes our understanding of *what* the world is. We will ask such questions as: How has culture impacted our values? What image have we created for ourselves? What does this image contribute to our social life? What motivates us and how do we persuade others to get what we want? By examining the development and usage of language in relation to culture, students will leave this course with an understanding of the impact that rhetoric, and arguably communication as a whole, has on their everyday life. *This course receives weighted credit.*

INTRO TO DEBATE
2 Semesters--1 credit--Grade Placement: 9

Students will learn the concepts and skills related to preparing and presenting public messages and to analyzing and evaluating the messages of others. Within this process, students will gain skills in reading, writing, speaking, listening, and thinking and will examine areas such as invention, organization, style, memory, and delivery. **This course will satisfy the Speech requirement.**

JAZZ BAND I, II, III, IV
2 semesters--1 credit each level--Grade Placement: 9-12

Any student currently enrolled in the High School Band Program, or with prior approval from the Jazz Band Director, may enroll in Jazz Band. Instrumentation of the Jazz Band will consist of saxophone, trombone, and trumpet players in the wind section, although a few select other wind instruments may be able to be accommodated. The rhythm section will consist of piano, guitar, bass guitar, and drum set. Prior music experience on your instrument in this section is a prerequisite, and previous experience in jazz will be considered a plus.
Studies in Stage Band will focus on the unique heritage of Jazz Music as the only truly American musical form. Some music history will be discussed, as well as some general music theory, insofar as it relates to scale structure. The majority of our time will be spent preparing Jazz standards, new Jazz compositions, and some occasional popular tunes. Students will learn the uniqueness of jazz articulations and style, and what sets this musical language apart from that of standard music.

LIFETIME NUTRITION AND WELLNESS (LNW)
1 Semesters--0.5 credit--Grade Placement: 10-12

Prerequisite: Principles of Human Services
THIS COURSE PAIRS WITH ONE SEMESTER OF DOLLARS & SENSE
This laboratory course allows students to use principles of lifetime wellness and nutrition to help them make informed choices that promote wellness as well as pursue careers related to hospitality and tourism, education and training, human services, and health sciences. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

LIVESTOCK PRODUCTION
2 Semesters--1 credit--Grade Placement: 10-12

Prerequisite: Principles of Agriculture, Food, and Natural Resources
To be prepared for careers in the field of animal science, students need to attain academic skills and knowledge, acquire knowledge and skills related to animal systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. Animal species to be addressed in this course may include, but are not limited to, beef cattle, dairy cattle, swine, sheep, goats, and poultry.

MUSIC EXPLORATION
2 semesters--1 credit--Grade Placement: 9-12

Students will learn music theory, the reading and writing of notes, rhythms and symbols on a staff. Students will also explore different genres or types of music such as blues, jazz, country, rock and roll, pop, and how it relates

to history, culture, and the world. **This course is specific for a Fine Arts credit; therefore the student is not required to be in Band.**

MUSIC THEORY ADVANCED PLACEMENT
2 semesters--1 credit--Grade Placement: 11-12

Prerequisite: Student must have current or prior enrollment in Band or Choir
The AP Music Theory course focuses on concepts and skills emphasized within introductory college music theory courses, with the goal of helping students become sophisticated and thoughtful music listeners, performers, and composers. AP Music Theory students learn to recognize, understand, describe, and produce the basic elements and processes of performed and notated music. To become proficient with these skills, students need to consistently practice applying course concepts through aural analysis, score analysis, sight-singing, dictation, and composition. Students must pay for and take the AP Music Theory exam in May. *This course receives weighted credit.*

PEER ASSISTANCE AND LEADERSHIP I (PAL 1)
2 Semesters--1 credit--Grade Placement: 11-12

Prerequisite: Screening, Application, and Selection Process
Students spend a minimum of 6 weeks training in communication skills, teen issues, tutoring skills, etc. before volunteering as Peer Assistants in the kindergarten, elementary, junior high, and high school campuses. PALS are also committed to community service projects and help with new student orientation throughout the year. Students must be willing to use some of their own time to train in the Summer & Fall and attend a PAL convention in the spring. Nominations, applications, and interviews are part of the screening process to ensure that PALS are ready for the responsibilities of being a PAL.

PEER ASSISTANCE AND LEADERSHIP II (PAL 2)
2 Semesters--1 credit--Grade Placement: 12

Prerequisite: PAL 1
Nominations, applications, and interviews are all part of the screening process to insure that PAL II's are able to handle the responsibilities of a peer mediator trainer. Peer mediation training required and extensive volunteer time outside of school hours may be necessary. Focus is on the development of leadership skills. PAL II students will assist with PAL I training.

PERSONAL FINANCIAL LITERACY (PFL)
1 Semesters—0.5 credit--Grade Placement: 10-12

Personal Financial Literacy will develop citizens who have the knowledge and skills to make sound, informed financial decisions that will allow them to lead financially secure lifestyles and understand personal financial responsibility. The course will teach students to apply critical-thinking and

problem-solving skills to analyze decisions involving earning and spending, saving and investing, credit and borrowing, insuring and protecting, and college and postsecondary education and training. This one-half elective credit course includes instruction in methods of paying for college and other postsecondary education and training along with completing the application for federal student aid provided by the U.S. Department of Education.

PRACTICUM IN AGRICULTURE, FOOD AND NATURAL RESOURCES
2 Semesters-- 2-3 credits--Grade Placement: 12

Prerequisite: Prin. of Agriculture, Food, and Natural Resources and one additional animal course

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

PRACTICUM IN CULINARY ARTS
2 Semesters-- 2-3 credits--Grade Placement: 12

Prerequisite: Advanced Culinary Arts

The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in Culinary Arts. Practicum in Culinary Arts is a unique practicum that provides occupationally specific opportunities for students to participate in a learning experience that combines classroom instruction with actual business and industry career experiences. Practicum in Culinary Arts integrates academic and career and technical education; provides more interdisciplinary instruction; and supports strong partnerships among schools, businesses, and community institutions with the goal of preparing students with a variety of skills in a fast-changing workplace.

PRACTICUM IN MANUFACTURING
2 Semesters-- 2 credits--Grade Placement: 12

Prerequisite: Principles of Manufacturing and one additional manufacturing course

The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Manufacturing Career Cluster. The Practicum in Manufacturing course is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

PRINCIPLES OF AGRICULTURE, FOOD, AND NATURAL RESOURCES
2 Semesters--1 credit--Grade Placement: 9-12

To be prepared for careers in agriculture, food, and natural resources, students must attain academic skills and knowledge in agriculture. 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.

PRINCIPLES OF HUMAN SERVICES
2 Semesters--1 credit--Grade Placement: 9-12

This laboratory course will enable students to investigate careers in the human services career cluster, including counseling and mental health, early childhood development, family and community, and personal care services. Each student is expected to complete the knowledge and skills essential for success in high-skill, high-wage, or high-demand human services careers. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

PRINCIPLES OF MANUFACTURING
2 Semesters--1 credit--Grade Placement: 9-12

In Principles of Manufacturing, students gain knowledge and skills in the application, design, production, and assessment of products, services, and systems and how those knowledge and skills are applied to manufacturing. Knowledge and skills in the proper application of principles of manufacturing, the design of technology, the efficient production of technology, and the assessment of the effects of manufacturing production technology prepare students for success in the modern world. The study of manufacturing technology allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings in a manufacturing setting. In addition to general academic and technical knowledge and skills, students gain an understanding of career opportunities available in manufacturing and what employers require to gain and maintain employment in these careers.

PROFESSIONAL COMMUNICATIONS (SPEECH)
1 Semester--0.5 credit--Grade Placement: 11-12

THIS COURSE IS PAIRED WITH ONE SEMESTER OF HEALTH.
Professional Communications blends written, oral and graphic communication in a career-based environment. Students will be expected to develop and expand their ability to write, read, edit, speak, listen, apply software applications, manipulate computer graphics and conduct Internet research.

PSYCHOLOGY
1 Semester--0.5 credit--Grade Placement: 11-12

THIS COURSE IS PAIRED WITH ONE SEMESTER OF SOCIOLOGY.
The course introduces the scientific study of human and animal behavior. It looks at the history and various approaches of psychology as well as methodology. Classroom exercise, videotapes, and research techniques are used to teach these concepts. Abnormal psychology is also introduced.

SMALL ANIMAL MANAGEMENT
1 Semester--0.5 credit--Grade Placement: 11-12

Prerequisite: Principles of Agriculture, Food, and Natural Resources
THIS COURSE IS PAIRED WITH 1 SEMESTER OF EQUINE SCIENCE.
To be prepared for careers in the field of animal science, students need to enhance academic knowledge and skills, acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer knowledge and skills in a variety of settings. Suggested small animals which may be included in the course of study include, but are not limited to, small mammals, amphibians, reptiles, avian, dogs, and cats.

SOCIOLOGY
1 Semester--0.5 credit--Grade Placement: 11-12

THIS COURSE IS PAIRED WITH ONE SEMESTER OF PSYCHOLOGY.
Students study how groups of people interact with other groups of people. Students study culture, socialization of groups, communications and propaganda, causes and effects of culture and social change, social skills, respect for self and others.

THEATRE ARTS I
2 semesters--1 credit--Grade Placement: 9-12

Students will learn stage movement, speaking and acting skills, voice manipulation, and terminology of the craft through improvisation, monologues, and scene work, and one-act adaptations as well as theatre history. By the end of the course, students will know how a play is produced from casting through final curtain, and will have had some experience with stage makeup, set design, electrics operation, and the production of a play.

THEATRE ARTS II & III
2 semesters--1 credit each level--Grade Placement: 10-12

Prerequisite: Theatre Arts I and/or II respectively
Students will receive "on the job" training in theater arts direction, producing, acting, scene design, costuming, make-up, lighting and sound design, and publicity. Students with an interest in carpentry or

electronics (sound & lights) may find a creative outlet and career opportunity for their talents. Likewise, students with an interest in performance will have several opportunities to do so during their high school career and beyond.

THEATRE ARTS IV
2 semesters--1 credit--Grade Placement: 12

Prerequisites: Theatre Arts I, II, III
Students will receive intense training in theatre arts directing, producing, acting, and scriptwriting. Students with an interest in professional theatre will likely obtain the skills to go forward in the industry.

THEATRE PRODUCTION I-IV
2 semesters--1 credit--Grade Placement: 9-12

Prerequisites: Audition with a personal written invitation from the theatre director or personal written invitation from the theatre director based on past work in the theatre department.
Theatre Production I, II & III respectively.
Theatre Production is a class focused on producing good theatre. Extracurricular participation is mandatory. Members of this class also make up the company for our UIL one act play entry.

WILDLIFE, FISHERIES AND ECOLOGY MANAGEMENT
2 Semesters--1 credit--Grade Placement: 10-12

Prerequisite: Principles of Agriculture, Food and Natural Resources
A course designed to examine the importance of wildlife and outdoor recreation with emphasis on managing wildlife and natural resource conservation. The course will lead toward hunter safety certification for students, which is now mandatory to hunt in Texas and many other states.

YEARBOOK 1 – DIGITAL MEDIA
2 Semesters--1 credit--Grade Placement: 10-12

Prerequisite: Business Information Management I
In planning and producing the school yearbook, students will acquire skills in photography, design, interviewing, journalistic writing, desktop publishing, and advertising, as well as learning to work together to meet deadlines.

YEARBOOK 2 – GRAPHIC DESIGN 1
2 Semesters--1 credit--Grade Placement: 11-12

Prerequisite: Yearbook 1 – Digital Media
In planning and producing the school yearbook, students will continue to acquire skills in photography, design, interviewing, journalistic writing, desktop publishing, and advertising, as well as learning to work together to meet deadlines. Careers in graphic design and illustration span all aspects of the advertising and visual communications industries. Within this context, students will learn to develop an understanding of the industry with a focus on fundamental elements and principles of visual art and design.

YEARBOOK 3 – GRAPHIC DESIGN 2
2 Semesters--1 credit--Grade Placement: 12

Prerequisite: Yearbook 2 – Graphic Design 1
In planning and producing the school yearbook, students will master their skills in photography, design, interviewing, journalistic writing, desktop publishing, and advertising, as well as learning to work together to meet deadlines. Careers in graphic design and illustration span all aspects of the advertising and visual communications industries. Within this context, students will learn to develop an understanding of the industry with a focus on fundamental elements and principles of visual art and design.