

**Marion High School**  
**Course Selection Guide**  
**2019-2020**



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**Marion ISD Mission Statement**

The mission of the Marion Independent School District, as the primary source for public education is to prepare graduates to be responsible, productive citizens in a diverse and changing world, through partnerships with parents and community, by providing opportunities to achieve excellence and personal growth.

In accordance with Title VI, Civil Rights Act of 1964, Title IX, Education Amendment of 1972, Section 504, Rehabilitation Act of 1973 and Title II of the Americans with Disabilities Act of 1992, the Marion Independent School District does not discriminate on the basis of ethnicity, religion, military status, color, national origin, age, sex, disability or any other basis prohibited by law. Title IX Coordinator is Ms. Kelly Lindholm and Section 504 Coordinator is Mr. Daniel Terrazas: PO Box 189, Marion, T 78124, (830)914-2803

## **ENROLLMENT REQUIREMENTS**

All Marion High School students in grade levels 9 through 11 must be enrolled in eight (8) credit earning classes per semester. Seniors must be enrolled in a minimum of six (6) credit earning classes per semester.

## **GRADE CLASSIFICATION**

After the ninth grade, students are classified according to the number of credits earned toward graduation.

Credits Earned	Classification
6	Grade 10 (Sophomore)
12	Grade 11 (Junior)
18	Grade 12 (Senior)

## **COURSE SELECTION INFORMATION**

Students following a college-preparatory plan should consult catalogs of specific colleges before making course selections, paying particular attention to foreign language and mathematics requirements.

Students are reminded that some course offerings are tentative and are dependent upon sufficient enrollment. It is extremely important, therefore, that alternate course choices be listed for elective courses on the registration choice form. As the student signs up for next year's courses, selections should be made on the assumption the courses in progress will be passed.

Students are given the opportunity to request any course regardless of ethnicity, religion, military status, color, national origin, age, sex, disability or any other basis prohibited by law. Athletes should carefully consider their course options as NCAA has requirements for academic credit that may impact college participation and scholarships. Elective courses are filled by senior students first, followed by Juniors, Sophomores, then Freshmen. Students are required to be in attendance for at least 90% of each course session per semester in order to receive credit. Excessive absences may result in loss of credit.

## **DUAL CREDIT**

Marion High School offers two different variations of Dual Credit learning for 11th and 12th graders. In an effort to include more students in dual credit learning, Marion High School, through Palo Alto College (PAC), will be offering dual credit opportunities in English 3, English 4, U.S. History, Government, and Economics on the high school campus, and through Central Texas Technology Center (CTTC) and Alamo Academies, will be offering opportunities in Information Technology and Security and Advanced Technology and Manufacturing on the CTTC campus in New Braunfels. To be eligible for dual credit offerings, a student must meet academic requirements set forth by Palo Alto College, the Alamo Academies and the Alamo Community College District. Dual Credit requirements must be maintained and met yearly. Failure to meet yearly requirements will result in program dismissal. See your counselor for specific requirements.

## **PROMOTION**

Students are promoted only on the basis of academic achievement. A grade lower than a 70 will result in the student receiving no credit for that course. A fourth year high school student with fewer than 18 credits may be reclassified as a senior at the end of the fall semester if the student is expected to complete all required credits necessary for graduation in a timely fashion.

## **LOCAL CREDIT**

Some courses are offered as "local" credit only and do not count toward the state units of credit required for graduation.

## **STUDENT SUCCESS INITIATIVE**

Students who did not meet the student success initiative (SSI) and are placed in the 9th grade by a Grade Placement Committee (GPC) may be placed in accelerated learning classes in lieu of electives at the discretion of the principal. Students placed into the 9th grade are also not eligible for extracurricular activities for the first six weeks.

## **EARLY GRADUATES**

Students intending to graduate in three years should declare their intentions by the end of their 9th grade year and must have a graduation plan approved by parent and administrator. See Counselor for more details.

## **TEXAS HIGH SCHOOL DIPLOMA REQUIREMENTS**

Students must attend and pass their classes, as well as state mandated assessments, in order to receive a diploma and graduate from a Texas public high school. Students will take the State of Texas Assessments of Academic Readiness (STAAR) End of Course Exam in designated core classes. Students will be required to complete the Foundation High School plan of 24 credits, plus 4 sequential electives ending with at least one endorsement.

### **FOUNDATION PROGRAM REQUIREMENTS—24 credits**

This option is the minimum graduation plan available and replaces the current Minimum High School Program. It is not available until after the completion of the sophomore year. This graduation plan requires a parent conference and administrator approval. This plan may not meet college or university requirements and may not meet requirements for certain branches of the military.

- English—four credits. Students must earn credits in English I, English II, English III and English IV.
- Math—three credits. Students must earn credits in Algebra I and Geometry. The third credit may be chosen from a list of approved courses.
- Science—three credits. Students must earn one credit in Biology. The other two credits may be selected from a list of approved courses.
- Social Studies—four credits. Students must earn credits in World Geography, World History (MISD Local Policy), US History since 1877, US Government and Economics.
- Languages other than English—two credits. These credits must be earned in any two levels of the same language.
- Physical Education—one credit. Students are required to earn only one credit in PE. Students participating in extracurricular athletics earn PE credit as well as students participating in marching band each fall.
- Fine Arts—one credit. Students must earn one fine arts credit. This credit may be earned in a traditional fine arts course or by earning credit in a community based arts program. See counselor for more details.
- Electives—6 credits. These credits must be selected from a list of courses that do not otherwise satisfy a course required for graduation.

### **ENDORSEMENT PLAN REQUIREMENTS—26 credits**

The curriculum requirements for earning an endorsement require a student to meet and exceed the Foundation Program and successfully completing a coherent sequence of courses that are content specific to the chosen endorsement, including a 4th math and a 4th science.

### **DISTINGUISHED LEVEL OF ACHIEVEMENT—26 credits**

The curriculum requirements for earning an endorsement require a student to meet and exceed the Foundation Program and successfully completing the credits for an endorsement, including a 4th math, one being Algebra II, a 4th science credit.

## **EXTRA CURRICULAR ELIGIBILITY REQUIREMENTS**

Marion High School competes in a number of academic and athletic extra-curricular activities to provide enrichment for students. To participate, students must maintain academic eligibility. To do so, students must maintain a grade of 70% or higher in all academic subjects other than advanced courses. The advanced courses recognized by MHS include all Pre-AP, AP, and Dual Credit courses. Advanced courses must have an average of 60-69 to be eligible for a waiver. Students are only eligible for one waiver per semester.

## **PERFORMANCE ACKNOWLEDGEMENTS**

A student can earn performance acknowledgements, indicated on final transcripts, in several different areas including:

- Outstanding performance in a dual-credit course—Successful completion of at least 12 hours of college academic courses, earning a grade of B or higher.
- Outstanding performance in bilingualism and biliteracy- Demonstrate proficiency in two or more languages by completing all English Language Arts requirements, maintaining a minimum grade of 80 on a 100 point scale and complete a minimum of three credits in the same language in a language other than English, maintaining a minimum grade of 80 on 100 point scale.
- Outstanding performance on a College board AP test—Earn a score of 3 or higher on a College Board AP examination
- Outstanding performance of the PSAT, SAT or ACT, or -- Earn a PSAT score that qualifies the student for recognition as a commended scholar or higher by the NMSQT, or part of the National Hispanic Recognition Program., earn a combined critical reading and mathematics score of at least 1250 on the SAT, or earn a 28 composite score on the ACT.
- Earn a nationally or internationally recognized business or industry certification or license.

## **TESTING REQUIREMENTS**

Students will be academically assessed using the STAAR End-of Course tests. Students must earn a passing score on five (5) exams--Algebra I, Biology I, English I, English II and US History.

## **TOP TEN PERCENT AUTOMATIC ADMISSION**

In order to be considered for **Top Ten Percent Automatic Admission** in Texas Public Universities, graduates **MUST earn a Distinguished Level of Achievement**. In order to qualify for automatic college admission under the Foundation High School Program, a student must be ranked in the top 10% of the graduating class at the time of application and earn the Distinguished Level of Achievement or earn a satisfactory performance on the ACT or SAT. The only exception to this rule is in regards to the University of Texas at Austin, who will notify high schools, the exact percentage that will be automatically accepted one year prior to the expected graduation date.

## **CLASS RANK/HIGHEST RANKING STUDENT**

Certain courses will be given additional rank point adjustments. These points will be added to each final semester grade and will impact the students ranking. The actual grade earned will appear on the student's transcript and reflected in the student's ranking. Note: Any course taken in summer school, night school, by correspondence or credit-by-exam, Marion High School self-paced courses, along with Dual Credit courses taught by telecourse will not be included in GPA and class ranking calculations. To be eligible for valedictorian and salutatorian, a student must attend the district high school for four complete semesters immediately preceding graduation. Students who complete credit requirements for graduation in less than 8 semesters are considered early graduates. Early graduates are not eligible for valedictorian or salutatorian and top ten percentage ranking designations regardless of GPA. For two school years following his or her graduation, a district student who graduates in the top ten percent of his or her class is eligible for automatic admission into four-year public universities and colleges in Texas if the student: Completes the Distinguished Achievement Program; or satisfies the ACT College Readiness Benchmarks; or meets the college readiness standards with scores of 480 in English, Reading, and Writing and scores of 530 in Mathematics.

## CLASS SCHEDULES

All students are expected to attend school for the entire school day and maintain a class/course schedule to fulfill each period of the day. Seniors who have the appropriate number of credits to graduate and have met all graduation testing requirements, may only be in attendance for 6 credit earning periods per day, provided certain criteria are met.

## CAREER AND TECHNICAL EDUCATION (CTE)

The CTE Program provides career and technical courses that give students the opportunity to acquire skills and competencies for their future roles as consumers and/or wage earners. The curriculum is designed to help students acquire employable skills for a transition from school to work and is open to any student. As students plan for their futures, they should consider which cluster or program of study they wish to explore while in high school. As part of the requirements of the Career and Technology Program, prior to 9th grade, students will be advised to select program of study in the form of a Career Pathway, once in high school, students are advised of the available coherent sequence of courses in their chosen career pathway, and at this time students can amend their selection of career area. A coherent sequence may include 2 courses from the same career cluster with at least one advanced course.

The following is a list of programs offered: Agriculture, Food & Natural Resources; Arts, Audio Visual, Communications & Technology; Health Science; Marketing; Manufacturing; and Science, Technology, Engineering & Mathematics. All career and technical education programs follow the district's policies of nondiscrimination on the basis of race, color, religion, national origin, sex, age, disability or socioeconomic status in all programs, services, activities, and employment. In addition, arrangements can be made to ensure that the lack of English language proficiency is not a barrier to admission or participation. For general information about these programs, contact: Dwayne Reiley, Career and Technical Education Coordinator, 211 W. Otto, Marion, TX 78124, 830-914-2803 x 400, Robyn O'Bryan, Marion High School Counselor, 506 Bulldog Ln., Marion TX 78124, 830-914-2803 x 440 or Daniel Terrazas, Director of Federal Programs at 211 W. Otto, Marion, TX 78124, 830-914-2803 x 110.

## ENDORSEMENTS OFFERED AT MARION HIGH SCHOOL

Entering ninth-graders must choose and specify in writing which endorsement they intend to pursue. All endorsements require students to earn a fourth math and science credit as well as two additional advanced electives as part of their coherent sequence of courses.

- **STEM—Science, Technology, Engineering and Math.** This endorsement requires 26 credits, to include Algebra II, Chemistry and Physics. A student who pursues STEM at MHS will complete either 4 credits in science to include Chemistry, Physics and two additional advanced science courses; or three math credits to include Algebra II and two additional math credits for which Algebra II is a prerequisite.
- **B & I—Business and Industry.** This endorsement requires 26 credits and a coherent sequence of 4 courses, including 2 advanced courses from the same career cluster. These endorsements include: in Agriculture-- Plant and Animal Systems, Welding and Agribusiness; in Arts, Audio Visual, Technology and Film—Journalism, Digital Media, Graphic Design, and Animation; Business/Marketing, and Manufacturing (Alamo Academies)
- **A & H—Arts and Humanities.** This endorsement requires 26 credits and a coherent sequence of 4 courses, including 2 advanced courses from the same career cluster. These endorsements include: Performing Arts, Visual Arts, and Cultural Studies (languages other than English).
- **Public Service—**This endorsement requires 26 credits and a coherent sequence of 4 courses, including 2 advanced courses from the same career cluster. This endorsement includes the CNA program and the culinary arts pathway.
- **Multidisciplinary Studies.** This endorsement requires 26 credits to include four credits in each of the four core subject areas including **English IV** and **Chemistry** and/or **Physics**.

**SECTION 504 SERVICES**

Section 504 of the Rehabilitation Act of 1973 prohibits discrimination and assures that students with disabilities have educational opportunities and benefits equal to those provided to nondisabled students. Eligible students are regarded as having a physical or mental impairment which substantially limits one or more major life activities, including learning, self-care, walking, seeing, hearing, speaking, breathing, working, and performing manual tasks. Questions may be directed to Section 504 Coordinator, Daniel Terrazas, Director of Federal Programs at 211 W. Otto, Marion, TX 78124, 830-914-2803 x 110.

**AUDITORY ASSISTANCE**

Auditory assistance is available to parents and students by contacting the principal's office or the school counselor's office during school hours. 48 hours notice is necessary to acquire proper interpretation services.

## Endorsement Pathways for Graduation

What are endorsement pathways?

Endorsement Pathways allow students to study a particular field in depth and help to facilitate a seamless transition from secondary to postsecondary and career opportunities. Most endorsements require students to complete a coherent sequence of four or more credits in their chosen endorsement, including two in the same **career cluster and at least one advanced course**.

The Endorsement Pathway charts show different paths a student may follow to earn an endorsement. Students should select one path to follow to ensure their sequence of courses meets graduation requirements for an endorsement. Please refer to course descriptions and prerequisites to verify selections.

To earn most endorsements, students must complete:

- a coherent sequence of four or more credits in their chosen endorsement
- at least two courses within the same career cluster
- at least one advanced level course (indicated in bold on the following pages)

# Arts & Humanities Endorsement Pathways

<b>Performing Arts Pathway</b>				
	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>Path A</b>	Band I	Band II	Band III	Band IV
<b>Band Offerings Include</b>	Applied Music III & IV			

<b>Theatre Pathway</b>				
	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>Path A</b>	Theatre Arts I	Theatre Arts II	Theatre Arts III	Theatre Arts IV
<b>Path B</b>	Theatre Production I	Theatre Production II	Theatre Production III	Theatre Production IV
<b>Path C</b>	Technical Theatre I	Technical Theatre II	Technical Theatre III	Technical Theatre IV

<b>Visual Arts Pathway</b>				
	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>Path A</b>	Art I	Art II	Art III	Art IV or AP Art
<b>Path B</b>	Art I	Art II Photo I	Art III Photo II	Art IV Photography III AP Art
<b>Additional Course Offerings</b>	Floral Design; Advanced Floral Design			

<b>LOTE Pathway</b>				
	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>Path A</b>	Language I	Language II	PAP Language III	AP Language IV or Spanish IV
<b>Path B</b>	Language II	PAP Language III	AP Language IV	AP Language V

# Business and Industry Endorsement Pathways

## Agriculture, Food, and Natural Resources Cluster

<b>Agribusiness Pathway</b>				
	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>Path A</b>	Principles of Agriculture, Food, and Natural Resources	Professional Standards in Agribusiness	Practicum in Agriculture, Food, and Natural Resources	Practicum in Agriculture, Food, and Natural Resources
<b>Additional Course Offerings</b>	Mathematics Applications in Agriculture			
<b>Certifications</b>	TBD			

<b>Animal Systems Pathway</b>				
	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>Path A</b>	Principles of Agriculture, Food, and Natural Resources	Livestock Production	Small Animal Management/ Equine Science	Advanced Animal Science
<b>Path B</b>	Principles of Agriculture, Food, and Natural Resources	Livestock Production	Advanced Animal Science	Practicum in Agriculture, Food, and Natural Resources: Animal Systems
<b>Additional Course Offerings</b>	Mathematics Applications in Agriculture			
<b>Certifications</b>	TBD			

<b>Plant Systems Pathway</b>				
	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>Path A</b>	Principles of Agriculture, Food, and Natural Resources	Principles and Elements of Floral Design	Advanced Floral Design	Practicum in Agriculture: Floral Design
<b>Additional Course Offerings</b>				
<b>Certifications</b>	Floral Design Certification			

<b>Wildlife Pathway</b>				
	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>Path A</b>	Principles of Agriculture, Food, and Natural Resources	Wildlife, Fisheries, and Ecology Management	Energy and Natural Resource Technology	Practicum in Agriculture, Food, and Natural Resources I: Wildlife
<b>Additional Course Offerings</b>				
<b>Certifications</b>				

# Business and Industry Endorsement Pathways

## Arts, Audio/Video Technology and Communications Cluster

<b>Audio/Video Production Pathway</b>				
	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>Path A</b>	Principles of Arts, Audio/Video Technology, & Communications	Animation I/Animation I Lab	Animation II/Animation II Lab	Practicum in Animation
<b>Path B</b>	Principles of Arts, Audio/Video Technology, & Communications	Audio Video Production I/Audio Video Production I Lab	Audio Video Production II/Audio Video Production II Lab	Practicum in Audio Video Production
<b>Path C</b>	Principles of Arts, Audio/Video Technology, & Communications	Graphic Design and Illustration I/Graphic Design and Illustration I Lab	Graphic Design and Illustration II/Graphic Design and Illustration II Lab	Practicum in Graphic Design and Illustration
<b>Path D</b>	Principles of Arts, Audio/Video Technology, & Communications	Video Game Design I	Video Game Design II	Video Game Design III
<b>Path E</b>	Principles of Arts, Audio/Video Technology, & Communications	Graphic Design and Illustration I/Graphic Design and Illustration I Lab	Practicum in Information Technology I**	Practicum in Information Technology II**
<b>Additional Course Offerings</b>				
<b>Certifications**</b>	Earned Through Alamo Academies			

<b>Journalism/Newspaper/Yearbook Pathway</b>				
	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>Path A</b>	Journalism I	Advanced Journalism: Yearbook I	Advanced Journalism: Yearbook II	Advanced Journalism: Yearbook III
<b>Path B</b>	Journalism I	Advanced Journalism: Newspaper I	Advanced Journalism: Newspaper II	Advanced Journalism: Newspaper III
<b>Additional Course Offerings</b>				
<b>Certifications</b>				

# Business and Industry Endorsement Pathways

## Business, Marketing, and Finance Career Cluster

Business Pathway				
	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>Path A</b>	Principles of Business Marketing, and Finance	Advertising/Social Media Marketing/Sports & Entertaining Marketing	Entrepreneurship	Career Prep or Practicum in Marketing
<b>Additional Course Offerings</b>	Financial Mathematics			
<b>Organizations</b>	DECA			

## Manufacturing Cluster

CTTC Pathway				
	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>Path A</b>	Principles of Agriculture, Food, and Natural Resources	Agricultural Mechanics and Metal Technologies	Practicum in Precision Metal Manufacturing I**	Practicum in Precision Metal Manufacturing II**
<b>Additional Course Offerings</b>				
<b>Certifications **</b>	OSHA; Earned Through Alamo Academies			

Welding Pathway				
	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>Path A</b>	Principles of Agriculture, Food, and Natural Resources	Agricultural Mechanics and Metal Technologies	Welding I	Welding II
<b>Path B</b>	Principles of Agriculture, Food, and Natural Resources	Agricultural Mechanics and Metal Technologies	Agricultural Structure Design and Fabrication	Agricultural Power Systems
<b>Additional Course Offerings</b>				
<b>Certifications **</b>	OSHA			

## Business and Industry Endorsement Pathways

### Hospitality & Tourism Career Cluster

<b>Culinary Arts Pathway</b>				
	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>Path A</b>	Principles of Hospitality and Tourism	Introduction to Culinary Arts	Culinary Arts	Advanced Culinary Arts
<b>Additional Course Offerings</b>				
<b>Certifications</b>	Serve Safe; ICEV Meat Evaluation Certification; National Restaurant Association – ProStart Certification			

## Public Service Endorsement

### Health Science Career Cluster

<b>Medical Pathway</b>				
	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>Path A</b>	Principles of Health Science	Medical Terminology	Anatomy & Physiology	Practicum in Health Science (CNA)
<b>Additional Course Offerings</b>	Math for Medical Professionals			
<b>Certifications**</b>	CNA Through Central Texas Technology Center			

## Science, Technology, Engineering, and Mathematics Endorsement

Math Pathway				
	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>Path</b>	Geometry	Algebra II	PAP Pre-Calculus	AP Calculus
<b>Notes</b>	Algebra I credit awarded previous to high school entry Or Upper-Level Mathematics Courses taken concurrently			
	Students must also take Chemistry and Physics to earn a STEM endorsement			

Science Pathway				
	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>Path</b>	Biology	Chemistry	Physics	See below
<b>Plus two of the following courses between 10<sup>th</sup> and 12<sup>th</sup> grade</b>	AP Biology, AP Environmental Science, AP Chemistry, and Anatomy & Physiology			
<b>Note</b>	Students must also take Algebra II to earn a STEM endorsement			

## Multidisciplinary Endorsement

Advanced Placement (AP), Dual Credit (DC), Foundation Subject, or Advanced Course Pathways				
	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>Path</b>	4 Credits in AP, Dual Credit, or 4 Core/Foundation Subject Areas or Advanced Course Credits 1 Credit Each Year			
<b>Notes</b>	Requires Chemistry and/or Physics and Algebra II			

## Performance Acknowledgements

<b>Dual Credit Courses</b>	<ul style="list-style-type: none"> <li>earn at least 12 hours of college academic courses with a grade of 3.0 or higher on a 4.0 scale; or</li> <li>earn an associate degree while in high school</li> </ul>
<b>Bilingualism and Biliteracy</b>	<ul style="list-style-type: none"> <li>complete all ELA requirements with an 80/100; and</li> <li>complete 3 credits in LOTE with a 80/100; or</li> <li>demonstrate proficiency in LOTE Level 4 with 80/100</li> <li>if ELL, must have met exit criteria for ESL program, and</li> <li>scored Advanced High on TELPAS</li> </ul>
<b>AP Exams</b>	<ul style="list-style-type: none"> <li>score a 3 or above on a College Board AP exam</li> </ul>
<b>PSAT</b>	<ul style="list-style-type: none"> <li>score that qualifies for National Merit Scholar</li> <li>combined critical reading and math score of 1250 or higher on SAT or</li> <li>composite score of 28 on ACT excluding the writing subscore</li> </ul>
<b>Industry Certification or License</b>	<ul style="list-style-type: none"> <li>obtain a national or internationally recognized business or industry certification</li> <li>obtain a government required credential to practice a profession.</li> </ul>

## Additional Points of Interest

<b>Distinguished Level of Achievement</b>	<ul style="list-style-type: none"> <li>must take and pass Algebra II, and 4th math</li> <li>must take and pass Advanced Science</li> <li>must meet to be Top Ten Graduate and qualify for Automatic Admission to State Supported Institutions of Higher Learning</li> </ul>
<b>Endorsements Offered</b>	<ul style="list-style-type: none"> <li>STEM</li> <li>Business &amp; Industry</li> <li>Arts &amp; Humanities</li> <li>Multidisciplinary Studies</li> <li>Public Service</li> </ul>
<b>End of Course Exams</b>	<ul style="list-style-type: none"> <li>Biology</li> <li>English 1</li> <li>Algebra 1</li> <li>US History</li> <li>English 2</li> </ul>
<b>LOTE</b>	<ul style="list-style-type: none"> <li>two years of LOTE required for every graduation plan.</li> <li>ARD-C and 504 committee may consider substitute courses as provided by HB 5.</li> </ul>
<b>College Prep English College Prep Math</b>	<p>Classes mandated by HB 5 to determine College and Career Readiness. Students not meeting College or Career Readiness as determined by TSI shall be provided the opportunity to become TSI ready by the end of their senior year.</p> <p>Students completing the College Prep English and Math course with a 75 or above will earn a “TSI Exempt” status to attend an Alamo College or UTSA within the first two years after graduation. What this means, is that student does not have to take the TSI in order to take college level classes as either of those institutions.</p>

# Marion Independent School District

## Course Descriptions

Course offerings may be based on enrollment.

### English Language Arts/Reading

#### English I

Credit: 1

Prerequisites: None.

English I emphasizes theme, form, point of view, and character study in all types of literature, including a Shakespearean play. Writing grows out of reading with emphasis on expository, persuasive, and descriptive writing in paragraph form. The thesis sentence is introduced. Vocabulary development is stressed. There is a review of basic grammar with concentration on sentence variety, especially through the use of subordinate clauses. Basic research skills are reviewed and practiced. Must meet EOC requirements in order to earn a HS diploma.

Local ID: 32110

PEIMS ID: 03220100

#### Pre-DC English I

Credit: 1

Prerequisites: None.

The course will cover all English I topics in greater detail, preparing students for Dual Credit English courses. Summer projects will be a requirement. See instructor for more information. Must meet EOC requirements in order to earn a HS diploma.

Local ID: 32111

PEIMS ID: 03220100

#### English II

Credit: 1

Prerequisites: English I

English II incorporates the study of literature, writing, and grammar. Reading skills and higher level thinking skills are emphasized. The literature is studied by distinctive styles to encourage a comprehensive understanding of the types of literature. The process of writing, correct grammar mechanics, usage skills and vocabulary are continued from English I. Must meet EOC requirements in order to earn a HS diploma.

Local ID: 32120

PEIMS ID: 03220200

# English Language Arts/Reading

## Pre-DC English II

Credit: 1

Prerequisites: English I

The course will cover all English II topics in greater detail, preparing students for Dual Credit English courses. Summer project will be a requirement. Must meet EOC requirements in order to earn a HS diploma.

Local ID: 32121

PEIMS ID: 03220200

## English III

Credit: 1

Prerequisites: English II

The junior English course focuses on the works of American authors from the Colonial Period into the twentieth century, including nonfiction, short stories, novels, plays, and poems. A review of grammar and usage centers upon correcting weaknesses found in the students' writings. The course continues to emphasize vocabulary development and introduces basic research techniques, resulting in a research paper. Coherent, clear, and effective communication is developed through a variety of writing experiences.

Local ID: 32130

PEIMS ID: 03220300

## English III Dual Credit: ENGL 1301 & ENGL 1302

Credit: 1 (3 credit hours PAC)

Prerequisites: English II. TSI Ready. Admission to PAC Dual Credit Program.

Principles and techniques, which may include documentation, of written, expository, and persuasive composition; analysis of literary, expository, and/or persuasive texts; emphasis on critical thinking.

Local ID: 32136

PEIMS ID: 03220300

## English IV

Credit: 1

Prerequisites: English III

In English IV, students will engage in activities that build on their prior knowledge and skills in order to strengthen their reading, writing, and oral language skills. Students should read and write on a daily basis.

Local ID: 32140

PEIMS ID: 03220400

# English Language Arts/Reading

## **English IV Dual Credit: ENGL 2322 & 2323**

Credit: 1 (3 credit hours PAC)

Prerequisite: GPA of 2.0 or better in ENGL 1301 & 1302

ENGL 2322: This course is a survey of British Literature from its Anglo-Saxon beginnings through the restoration and the eighteenth century.

ENGL 2323: Selected significant works of British literature the Romantic Period to the present. May include study of movements, schools, and/or periods. This is a writing intensive course that requires a written research project.

Local ID: 32146

PEIMS ID: 03220400

## **College Prep English IV**

Credit: 1

Prerequisite: English I, II, & III

This college preparatory course is designed for senior students who have passed English II EOC, but have not yet met ELA college-ready criteria. Upon successful completion of this course, the student will receive a TSI exempt status and may enter an entry-level college credit bearing English course at partnering institutions (Alamo Colleges and UTSA) without remediation. English IV College Prep includes extensive composition and language practice, with a focus on expository and persuasive writing, as well as inquiry and research.

Local ID: 32147

PEIMS ID: CP110100

## **Creative Writing**

Credit: 1

Prerequisite: None

Creative Writing, a rigorous composition course, asks high school students to demonstrate their skill in such forms of writing as fictional writing, short stories, poetry, and drama. All students are expected to demonstrate an understanding of the recursive nature of the writing process, effectively applying the conventions of usage and the mechanics of written English. The students' evaluation of their own writing as well as the writing of others ensures that students completing this course are able to analyze and discuss published and unpublished pieces of writing, develop peer and self-assessments for effective writing, and set their own goals as writers.

Local ID: 32150

PEIMS: 03221200

# English Language Arts/Reading

## **Debate**

Credit: 1

Prerequisites: Counselor Approval

This course emphasizes controversial issues arise in aspects of personal, social public, and professional life in modern society. Debate and argumentation are widely used to make decisions and reduce conflict. Students who develop skills in argumentation and debate become interested in current issues, develop sound critical thinking, and sharpen communication skills. They acquire life-long skills for intelligently approaching controversial issues.

Local ID: 32151

PEIMS ID: 03240600

## **Literary Genres**

Credit: 1

Prerequisite: Counselor Approval

Literary Genres is a course dealing with general literary skills. The student will be provided opportunities to distinguish among denotative, connotative and figurative language. The student will work with symbolism, imagery, tone, mood, irony and style in all genres. The student will recognize universal themes and point of view and will develop and apply criteria for evaluation of literary works. The student will work with poetry, short stories and drama as three major genres of literature and will be able to work with the skills required for each genre.

Local ID: 32152

PEIMS ID: 03221500

## **Practical Writing Skills**

Credit: 1

Prerequisite: Counselor Approval

This course emphasizes skill in the use of conventions and mechanics of written English, the appropriate and effective application of English grammar, the reading comprehension of informational text, and the effective use of vocabulary. Students are expected to understand the recursive nature of reading and writing. Evaluation of students' own writing as well as the writing of others ensures that students completing this course are able to analyze and evaluate their writing.

Local ID: 32153

PEIMS ID: 03221300

## English Language Arts/Reading

### Research and Technical Writing Skills

Credit: 1

Prerequisites: Counselor Approval

This rigorous composition course asks high school students to skillfully research a topic or a variety of topics and present that information through a variety of media. All students are expected to demonstrate an understanding of the recursive nature of the writing process, effectively applying the conventions of usage and the mechanics of written English. The students' evaluation of their own writing as well as the writing of others ensures that students completing this course are able to analyze and discuss published and unpublished pieces of writing, develop and apply criteria for effective writing, and set their own goals as writers.

Local ID: 32154

PEIMS ID: 03221100

## Journalism/Newspaper/Yearbook

### Journalism

Credit: 1

Prerequisites: None

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

Local ID: 32161

PEIMS ID: 03230100

### Advanced Journalism: Newspaper I, II, III

Credit: 1

Prerequisites: Journalism. Counselor Approval.

Development of writing and reporting skills beyond the introductory level and cooperation with others to develop a product, the school newspaper, are key goals of this course. Student of and working with actual budgets, deadlines, advertising campaigns, circulation, publication and page design, page paste-up, editing and proofreading are other major activities. Lab work in this course (for the school newspaper) will require outside-of-class work in interviewing, writing, page design and paste-up, and advertising activities.

Local ID: 32162; 32163; 32164

PEIMS ID: 03230140; 03230150; 03230160

## English Language Arts/Reading

### Advanced Journalism: Yearbook I, II, III

Credit: 1

Prerequisites: Journalism. Counselor Approval.

Students will develop skills in yearbook publication, including advertising, writing, graphics, page layout and design, production of ad pages and photography. Lab work will require outside-of-class work to complete projects.

Local ID: 32165; 32166; 32167

PEIMS ID: 03230110; 03230120; 03230130

## Mathematics

### Algebra I

Credit: 1

Prerequisites: None

Algebra I is the foundation course in the formal mathematics sequence. Topics include real numbers, operations with algebraic expressions, solving variable equations and inequalities, factoring polynomials, radicals, exponents, scientific notation, functions, and solving real world problems. Must meet EOC requirements in order to earn a HS diploma

Local ID: 32210

PEIMS ID: 03100500

### Geometry

Credit: 1

Prerequisites: Algebra I

Geometry includes basic concepts of plane, solid, and coordinate geometry. The topics to be studied will include perpendicular and parallel lines, congruency and similarity of plane figures, relationships between angles in plane figures, arcs and segments in circles, area of plane figures, volume of solid figures and the structure and reasoning processes of formal proof.

Local ID: 32220

PEIMS ID: 03100700

# Mathematics

## Pre-AP Geometry

Credit: 1

Prerequisite: Algebra I, met standard on Algebra 1 EOC

Pre-AP Geometry will take a greater and more expanded look at the basic concepts of geometry. This course will help to prepare students for the upper level math track of Pre-AP Algebra 2, Pre-Calculus and Calculus AP and is required for the STEM endorsement.

Local ID: 32221

PEIMS ID: 03100700

## Algebraic Reasoning

Credit: 1

Prerequisites: Counselor Approval.

In Algebraic Reasoning, students will build on the knowledge and skills for mathematics in Kindergarten-Grade 8 and 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 to workforce and college readiness such as probes, measurement tools, and software tools, including spreadsheets.

Local ID: 32230

PEIMS ID: 03102540

## Algebra II

Credit: 1

Prerequisites: Geometry

Algebra II is the study of functions (linear, quadratic, exponential, rational, irrational, and multi-variable). Number system concepts and theories are related to functional relationships. Concepts in conic sections, complex numbers, sequences and series and operations will be explored. This course is required for the Distinguished Level of Achievement.

Local ID: 32240

PEIMS ID: 03100600

# Mathematics

## Pre-AP Algebra II

Credit: 1

Prerequisites: Geometry

Algebra 2 Pre-AP will study functions (linear, quadratic, exponential, rational, irrational, and multi-variable). Number system concepts and theories are related to functional relationships. Concepts in conic sections, complex numbers and operations will be explored. The course will help to prepare students for Pre-Calculus and Calculus AP and is required for the STEM endorsement. This course is required for the Distinguished Level of Achievement

Local ID: 32241

PEIMS ID: 03100600

## Independent Studies in Mathematics (Foundations of College Math)

Credit: 1

Prerequisites: Counselor Approval.

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

Local ID: 32250

PEIMS ID: 03102500

## College Prep Math

Credit: 1

Prerequisite: Algebra I, Geometry, and one Advanced Math. Grade 12.

This college preparatory course is designed for senior students who have passed Algebra I EOC, but have not yet met Math college-ready criteria. Upon successful completion of this course, the student will receive a TSI waiver and may enter an entry-level college credit bearing Math course at partnering institutions (Alamo Colleges and UTSA) without remediation.

Local ID: 32257

PEIMS ID: CP111200

## Pre-AP Pre-Calculus

Credit: 1

Prerequisite: Algebra II

This course provides an in-depth study of relations and functions with their graphs. This course will prepare the student for the rigorous pace of AP Calculus and is required for the STEM endorsement.

Local ID: 32260

PEIMS ID: 03101100

# Mathematics

## Calculus AB Advanced Placement

Credit: 1

Prerequisite: Pre-Calculus

This course is a rigorous study of the calculus of functions in one variable. Students learn the concepts of differential and integral calculus, including limits, derivatives, definite integrals, and indefinite integrals. There is additional emphasis on applying the concepts in real world situations. Students are required to take the Advanced Placement Exam given by the College Board. Additional fee of approximately \$94.00 is required.

Local ID: 32265

PEIMS ID: A3100101

## Mathematical Models with Applications

Credit: 1

Prerequisite: Must be taken prior to Algebra II.

Mathematical Models with Applications is a two-semester course, which focuses on the connections between mathematics and other areas of study. Students will use mathematical methods to model and solve life-applied problems involving money, data, chance, patterns, music, design, and science. This course may not be taken as a 4th math.

Local ID: 32270

PEIMS ID: 03102400

## Statistics

Credit: 1

Prerequisite: Algebra I. Counselor Approval.

In Statistics, students will build on the knowledge and skills for mathematics in Kindergarten-Grade 8 and Algebra I. Students will broaden their knowledge of variability and statistical processes. Students will study sampling and experimentation, categorical and quantitative data, probability and random variables, inference, and bivariate data. Students will connect data and statistical processes to real-world situations. In addition, students will extend their knowledge of data analysis.

Local ID: 32287

PEIMS ID: 03102530

## **Mathematics/CTE (Agriculture)**

### **Mathematical Applications in Agriculture, Food, Natural Resources**

Credit: 1

Prerequisite: Algebra 1. Counselor Approval.

Students acquire technical knowledge in the discipline as well as apply academic skills in mathematics. Students should apply knowledge and skills related to mathematics, including algebra, geometry and data analysis in the context of agriculture, food and natural resources. This course will count as an Advanced Math on Foundation and Endorsement Graduation Plans.

Local ID: 32286

PEIMS ID: 13001000

## **Mathematics/CTE (Business)**

### **Financial Mathematics**

Credit: 1

Prerequisite: Algebra I. Counselor Approval.

Students will use a problem-solving model that incorporates analyzing given information, formulating a plan or strategy, determining a solution, justifying the solution, and evaluating the problem-solving process and the reasonableness of the solution. Students will select appropriate tools such as real objects, manipulatives, paper and pencil, and technology and techniques such as mental math, estimation, and number sense to solve problems. Students will effectively communicate mathematical ideas, reasoning, and their implications using multiple representations such as symbols, diagrams, graphs, and language. Students will use mathematical relationships to generate solutions and make connections and predictions. Students will analyze mathematical relationships to connect and communicate mathematical ideas. Students will display, explain, or justify mathematical ideas and arguments using precise mathematical language in written or oral communication.

Local ID: 32280

PEIMS ID: 13018000

## Mathematics/CTE (Health Science)

### Mathematics for Medical Professionals

Credits: 1

Prerequisites:

The Mathematics for Medical Professionals course is designed to serve as the driving force behind the Texas essential knowledge and skills for mathematics, guided by the college and career readiness standards. By embedding statistics, probability, and finance, while focusing on fluency and solid understanding in medical mathematics, students will extend and apply mathematical skills necessary for health science professions. Course content consists primarily of high school level mathematics concepts and their applications to health science professions.

Local ID: 32288

PEIMS: 13020970

## Science

### Biology

Credit: 1

Prerequisite: None.

In Biology, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students will study topics such as: structures and functions of cells and viruses; growth and development of organisms; cells, tissues, organs, nucleic acids, and genetics; biological change, taxonomy; metabolism and energy transfers in living organisms; living systems; homeostasis; and ecosystems and the environment. Must meet EOC requirements in order to earn a HS diploma.

Local ID: 32310

PEIMS ID: 03010200

### Pre-AP Biology

Credit: 1

Prerequisites: None.

An advanced biology course concerned with the function of all living matter. This course studies the same concepts as Biology, except the presentation is more accelerated and in more detail. Must meet EOC requirements in order to earn a HS diploma. The expectations are to take this course in preparation for AP Biology.

Local ID: 32311

PEIMS ID: 03010200

# Science

## AP Biology

Credit: 1

Prerequisite: Biology, Chemistry or Physics.

This college level course is designed to enrich the knowledge and understanding of Biology for students who plan to continue their science education in college. Major emphasis will be placed on the latest theories and concepts dealing with molecular biology, biochemistry, cellular processes, human genetics and human physiology and anatomy. Students are required to take the Advanced Placement Exam given by the College Board. Additional fee will be required.

Local ID: 32315

PEIMS ID: A3010200

## IPC

Credit: 1

Prerequisites: Counselor Approval.

In Integrated Physics and Chemistry, students conduct field and laboratory investigations, use scientific methods during investigations, and make informed decisions using critical-thinking and scientific problem-solving. This course integrates the disciplines of physics and chemistry in the following topics: motion, waves, energy transformations, properties of matter, changes in matter, and solution chemistry. This is a requirement for the Foundation Plan, an advanced science may substitute.

Local ID: 32320

PEIMS ID: 03060201

## Chemistry

Credit: 1

Prerequisites: Biology and Algebra I.

Chemistry is the study of the composition of matter and the changes that it undergoes. This course places emphasis on concepts and supported by concrete evidence. It is laboratory intensive and emphasizes problem solving in both laboratory and lecture settings.

Local ID: 32340

PEIMS ID: 03040000

# Science

## Pre-AP Chemistry

Credit: 1

Prerequisite: Biology and Algebra I.

Pre AP Chemistry is an advanced study of the composition of matter and the changes that it undergoes. This course is college preparatory with emphasis on concepts and supported by concrete evidence and recommended for those pursuing the STEM endorsement. It is laboratory intensive and emphasizes problem solving in both laboratory and lecture settings.

Local ID: 32341

PEIMS ID: 03040000

## Chemistry Advanced Placement

Credit: 1

Prerequisites: Biology, Chemistry or Physics. Algebra II or concurrent enrollment. Counselor Approval.

This course uses advanced placement chemistry and college textbooks. Laboratory experiments and observations will be an integral part of the curriculum. Additional time/class period is required for a lab component with this course. Students in this course are expected to take the College Board AP examination. Individual colleges and universities determine credits earned on AP exam scores. This course includes independent reading, writing, and research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average.

Local ID: 32345

PEIMS ID: A3040000

## Physics

Credit: 1

Prerequisites: Biology. Algebra 2; may be taken concurrently with Algebra 2.

Mechanics, sound, light, gravitational concepts, electricity, magnetism, and nuclear physics with a genuine understanding of the physical laws fundamental to all sciences will be studied. It is laboratory intensive, and stresses problem solving using mathematical as well as logical sequences.

Local ID: 32350

PEIMS ID: 03050000

## Earth and Space Science

Credit : 1

Prerequisites: Three science credits, one of which may be taken concurrently. Three math credits, one of which may be taken concurrently.

Earth and Space Science (ESS) is a capstone course designed to build on students' prior scientific and academic knowledge and skills to develop understanding of Earth's system in space and time.

Local ID: 32360

PEIMS ID: 03060200

## Science

### Environmental Systems

Credit: 1

Prerequisites: Counselor Approval.

In Environmental Systems, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include: biotic and abiotic factors in habitats, ecosystems and biomes, interrelationships among resources and an environmental system, sources and flow of energy through an environmental system, relationship between carrying capacity and changes in populations and ecosystems, and changes in environments.

Local ID: 32370

PEIMS ID: 03020000

### Environmental Science Advanced Placement

Credit: 1

Prerequisites: Biology, Chemistry or Physics.

The goal of the AP Environmental Science course is to provide you with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. This is a weighted course and sitting for the AP exam is required. A fee of approximately 94.00 for the exam is the responsibility of the student; fee waivers available for those who qualify for free or reduced lunch.

Local ID: 32375

PEIMS ID: A3020000

## Science/CTE (Agriculture)

### Advanced Animal Science

Credit: 1

Prerequisites: Biology, Chemistry or IPC. Algebra I and Geometry. One credit from Agriculture, Food, and Natural Resource Cluster.

This course is designed to provide an academically stimulating environment for students wishing to advance their knowledge of animal science. Students will explore animal anatomy and physiology as well careers related to the animal science industry. Comparisons of human and animal systems will be addressed as well as simple veterinary procedures. This class will count as an advanced science course on Foundation and Endorsement Graduation Plans.

Local ID: 32386

PEIMS ID: 13000700

## Science/CTE (Health Science)

### **Anatomy & Physiology**

Credit: 1

Prerequisite: Biology and Chemistry

This course provides an in-depth study of the human body, and may provide an introductory background for those students who wish to pursue a career in a medical, scientific, or health-related field. The course will study the form (structure) and function of body parts (cells, tissues, organs), complexity of homeostatic mechanisms and the application to one's personal health. Dissection of the cat, and other specimens, is a course requirement and will not be substituted by computer simulations, etc. Under the STEM endorsement, may be taken concurrently with Physics.

Local ID: 32380

PEIMS ID: 13020600

## Social Studies

### **World Geography**

Credit: 1

Prerequisites: None.

The main emphasis of this course will be on physical geography. The course will include a study of the physical characteristics of our planet and social, economic and political development. The student will be given an opportunity to develop an understanding and appreciation for the discipline of geography, the recognition of geographic settings and terms.

Local ID: 32410

PEIMS ID: 033220100

### **AP Human Geography**

Credits: 1

Prerequisites: None.

The AP Human Geography course is equivalent to an introductory college-level course in human geography. The course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications.

Local ID: 32415

PEIMS ID: A3360100

# Social Studies

## World History

Credit: 1

Prerequisites: None.

Emphasis will be placed on significant people, events, and issues from earliest times to present in civilizations around the world to understand evolving processes, and human contact and interactions. Recognizing and understanding cause and effect relationships, multiple causation, trends, themes and interactions, and importance of both change and continuity in shaping human events will be stressed.

Local ID: 32420

PEIMS ID: 03340400

## AP World History

Credits: 1

Prerequisites: None.

AP World History is designed to be the equivalent of a two-semester introductory college or university world history course. In AP World History students investigate significant events, individuals, developments, and processes in six historical periods from approximately 8000 B.C.E. to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about contextualization, causation, and continuity and change over time. The course provides five themes that students explore throughout the course in order to make connections among historical developments in different times and places: interaction between humans and the environment; development and interaction of cultures; state building, expansion, and conflict; creation, expansion, and interaction of economic systems; and development and transformation of social structures.

Local ID: 32425

PEIMS ID: A3370100

## United States History Since Reconstruction

Credit: 1

Prerequisites: World Geography or World History.

This course studies the record of America's history from 1865 to the present. This course is based on the founding documents of the US government, which provides a framework for its heritage. Historical content focuses on the political, economic and social issues related to industrialization and urbanization, major wars, domestic and foreign policies, and reform movements including civil rights. Must meet EOC requirements in order to earn a HS diploma.

Local ID: 32430

PEIMS ID: 03340100

## Social Studies

### **United States History Dual Credit:**

Credit: 1 (3 credit hours PAC per semester)

Prerequisites: World Geography or World History. TSI Ready. Admission to PAC DC Program

This college level course offered through Palo Alto College earns the student 3 credit hours per semester. This course studies the record of America's history from 1865 to the present. This course is based on the founding documents of the US government, which provides a framework for its heritage. Historical content focuses on the political, economic and social issues related to industrialization and urbanization, major wars, domestic and foreign policies, and reform movements including civil rights. Must meet EOC requirements in order to earn a HS diploma.

Local ID: 32436

PEIMS ID: 03340100

### **United States Government**

Credit: .5

Prerequisites: United States History

Emphasis is placed upon the development and nature of the Constitution of the U.S.; a study of Congress, the Executive Branch and Judicial Branch of government; also rights of the states, political parties, elections, civil rights; local governments in Texas and the Texas Constitution. Activities designed to stimulate students to study motives and various viewpoints and to become wiser, more responsible citizens.

Local ID: 32440

PEIMS ID: 0330100

### **American Government Dual Credit:**

Credit: .5 (3 credit hours PAC)

Prerequisite: United States History. TSI Ready. Admission to PAC Dual Credit Program

This course is a general survey course in American government covering the theories and concepts of government, the United States Constitution, politics, public opinion, political parties, human rights, and the functions of national, state and local government.

Local ID: 32446

PEIMS ID: 0330100

### **Economics with Free Enterprise System**

Credit: .5

Prerequisites: United States History

The study of our economic system that is characterized by private and corporate ownership of capital goods, by investments that are determined by private decision rather than by state control, and by prices, production and the distribution of goods that are determined in a free market. Through the use of films, videos, simulations and class activities, the students become knowledgeable consumers and responsible citizens.

Local ID: 32450

PEIMS ID: 03310300

# Social Studies

## **Principles of Macroeconomics Dual Credit:**

Credit: .5

Prerequisites: United States History. TSI Ready. Admission to PAC Dual Credit Program.

Economic analysis of the entire economy is studied. The determination of aggregate income and employment, fiscal policy, operation of the monetary system, short-term income fluctuations, long-term income growth, problems of international trade and finance are all reviewed in this course.

Local ID: 32456

PEIMS ID: 03310300

## **Personal Financial Literacy**

Credit: 0.5

Prerequisites: None.

Personal Financial Literacy will develop citizens who have the knowledge and skills to make sound, informed financial decisions that will allow them to lead financially secure lifestyles and understand personal financial responsibility. The knowledge gained in this course has far-reaching effects for students personally as well as the economy as a whole. When citizens make wise financial decisions, they gain opportunities to invest in themselves, build businesses, consume goods and services in a responsible way, and secure a future without depending on outside assistance. The economy benefits from the optimal use of resources, increased consumption, and strong local businesses. State and local governments benefit with steady revenue streams and reduced future obligations as our society ages. 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.

Local ID: 32460

PEIMS ID: 03380082

## **Psychology**

Credit: .5

Prerequisites: Counselor Approval.

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

Local ID: 32461

PEIMS ID: 03350100

## Fine Arts/Art

### **Art I**

Credit: 1

Prerequisite: None

This course is designed to give students a basic understanding and appreciation for Art as it will be encountered on the high school level and beyond. Art I, and the other art courses offered, will give students the background necessary to appreciate visual art, participate in the creation of visual art, or seek further training for a career in the visual arts. Art I as well as the other art courses, is planned to meet the needs of students of all artistic ability levels.

Local ID: 32611

PEIMS ID: 03500100

### **Art II**

Credit: 1

Prerequisite: Art I.

This studio course is planned so that students will learn additional techniques and creative thought processes as well as new applications for the skills and concepts learned in Art I. The content of Art II will focus on the understanding and use of various aspects of two and three-dimensional art and art history, and may include drawing, painting, sculpture, print making and pottery. Some of the materials and techniques that may be included are acrylic paint, drawing, ceramic sculpture, screen-printing, block printing and hand-built pottery.

Local ID: 32612

PEIMS ID: 03500200

### **Art III**

Credit: 1

Prerequisite: Art II.

Emphasis in this class is on the student developing existing skills and creativity in the areas mentioned in Art I and Art II.

Local ID: 32613

PEIMS ID:

## Fine Arts/Art

### **Art IV**

Credit: 1

Prerequisite: Art III.

This studio course will require that students play a large role in setting the educational goals that are necessary for their continued growth in the visual arts. The semester will be divided into segments of time when the focus will be in a general area of art, for example, pottery, drawing, painting, collage, printmaking and sculpture. Specific goals and assignments will be worked out on an individual basis between student and instructor. New techniques will be taught, and creative exploration of ideas and techniques will be strongly encouraged. Student progress will be continually monitored in this studio course, and individual evaluations of student progress will be done as necessary. At the end of every marking period, each student will submit a portfolio of work, which will be graded. Grading is based on the student's progress towards learning, and creative application of skills.

Local ID: 32614

PEIMS ID: 03500300

### **AP Art**

Credit: 1

Prerequisite: Successful completion of three art credits.

Students will create a portfolio that will be presented to the College Board. The student may submit either a drawing, 2-D, or 3D portfolio. The portfolios will consist of quality, breadth, and concentration sections. If the student scores a suitable score they will receive college credit for a Drawing 1 or Design 1 course at the college level. This course is a college level course and will be accomplished by independent projects supervised by the instructor. Course may only be taken once. Students are required to participate in AP Art Exam. Additional fee is required.

Local ID: 32615

PEIMS ID: 03500400

### **Art II/Photography I**

Credit: 1

Prerequisites: Art I.

This year long course in digital photography introduces students to the Elements of Art and Principles of Design needed for creating photographs: including basic layout and design, color theory, shape, form and composition. This course will familiarize the student with digital photographic equipment, software, materials, and methods through hands-on practice. Students will be exposed to the history of photography and photographers by studying and emulating a variety of photographic styles.

Local ID: 32616

PEIMS ID: 03501200

## Fine Arts/Art

### Art III/Photography II, Art IV/ Photography III

Credit: 1

Prerequisite: Art I & Art Photo I/II.

This course provides students who have successfully completed Photography I, an opportunity to further develop their photography skills. This course explores the study of aesthetic and technical theories and techniques of digital photography. It also emphasizes the development of a related body of work demonstrating the student's personal photographic vision. Explores advanced digital camera and image editing software techniques. Development of a portfolio is required. Course requires a digital camera. Photo III is a project based course with a portfolio requirement.

Local ID: 32617; 32618

PEIMS ID: 03502200; 03503100

## Fine Arts/Music

### Band I, II, III, IV

Credit: 1

Prerequisites: Counselor Approval.

The band program is designed to develop students with previous experience on band instruments to their full potential as ensemble players. The band experience includes a thorough review of the basics of wind and/or instrumental performance and further development of these to the high levels of technical skill. Music theory and musicology are treated as they are pertinent to the literature being studied. Performance outlets are many and varied and include marching field band, parade band, concert band, and chamber music for solo or small ensembles. Literature of all periods, styles, and national origins is studied, with particular attention to original music for the wind band. During marching season band students are required to attend marching practice before school every day and a full band music rehearsal on a designated night. After marching season, additional rehearsals will be scheduled as needed prior to contests, parades, etc. Students will be placed into appropriate sections for daily instruction based on instrumentation needs and skill level of the student. The fall semester of Band can count as a Physical Education credit.

Local ID: 32631; 32632; 32633; 32634

PEIMS ID: 0350100; 03150200; 03150200; 03150300; 03150400

## Fine Arts/Music

### Applied Music II, III, IV

Credit: 1

Prerequisite: Band I; concurrent enrollment in Band II, Band III, or Band IV

Applied Music is offered as an advanced elective in the Arts & Humanities endorsement. Students must participate in required contests as stated by instructors. Students must have concurrent enrollment in the traditional band class.

Local ID: 32635; 32636; 32637

PEIMS ID: 03152600; 03152601; 03152602

## Fine Arts/Theater Arts

### Theatre Arts I

Credit: 1

Prerequisites: None.

Theatre Arts studies principles of acting and begin to understand theatrical conventions dealing with time and setting. Theatre Arts students learn essential skills, techniques, and a process of script analysis to create believable characters. Students explore dramatizations and scenes from a variety of historical periods and cultures.

Local ID: 32651

PEIMS ID: 03250100

### Theatre Arts II, III, IV

Credit: 1

Prerequisite: Theater Arts I

This course is a continuation of Theater Arts I, with emphasis on character development, voice, diction and body control.

Local ID: 32652; 32653; 32654

PEIMS ID: 03250200; 032250300; 03250400

### Theatre Production I, II, III, IV

Credit: 1

Prerequisite: Audition Required. Counselor Approval.

This course is a co-curricular laboratory for exploration, development, and synthesis of all elements of theatre. Practical hands-on experience in acting and stagecraft are provided. Scheduling appropriate for the successful production of class is determined locally. Although the course meets during regularly scheduled class periods, scope of activities will require more time. Course will meet outside of regular school hours with REQUIRED rehearsals scheduled during production times.

Local ID: 32655; 32656; 32657; 32658

PEIMS ID: 03250700; 03250800; 03250900; 03251000

## Fine Arts/Theater Arts

### Technical Theatre I, II, III, IV

Credit: 1

Prerequisite: Counselor Approval.

Through diverse forms of theatrical production, students will exercise and develop creativity, intellectual curiosity, critical thinking, problem-solving and collaborative skills. The areas of study include design and construction for all areas of technical theatre (costumes, make-up, set, properties, lighting, sound and new media)

Local ID: 32659; 32660; 32661; 32662

PEIMS ID: 03250500; 03250600; 03251100; 03251200

## Fine Arts/CTE (Agriculture)

### Principles and Elements of Design

Credit: 1

Prerequisite: Principles of Agricultural, Food, and Natural Resources.

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. This course will satisfy the Fine Arts requirement necessary for graduation.

Local ID: 32815

PEIMS ID: 13001800

### Advanced Floral Design

Credit: 1

Prerequisite: Principles and Elements of Floral Design

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

Local ID: 32816

PEIMS ID: N1300270

# Athletics and Physical Education

## Foundations of Personal Fitness

### PE--Aerobic Activities

### PE—Individual and Team Sports

### PE—Outdoor Activities

Credit: 1

Prerequisites: No more than 4 credits may count toward graduation.

These courses combine conditioning exercises and lifetime sports. Conditioning exercises are designed to maintain and improve a student's level of physical fitness. Fundamental instruction and practice in skill techniques focus upon the development of skills and knowledge involving sports that may be enjoyed throughout adult life. Some of these are basketball, volleyball, softball and tennis.

Local ID: 32701; 32702; 32703; 32704

PEIMS ID: PES00052; PES00054; PES00055; PES00053

## Athletic Training Practicum I, II, III, IV

Credit: 1

Requirement: Application process in place.

These courses are designed for students who are interested in assisting with the Sports Medicine Program. This program requires a full year commitment of assisting the Athletic Trainer with various sports practices and games. Application process must be followed. Activities outside of the school day and weekends are required.

Local ID: 32731; 32732; 32733; 32734

PEIMS ID: PES00000; PES00001; PES00002; PES00003

## Band I, II

Credit: 1

Prerequisites: Counselor Approval.

The fall semester of Band can count as a Physical Education credit.

Local ID: 32711; 32712

PEIMS ID:

## Athletics and Physical Education

**Athletics: Baseball I, II, III, IV:** 32781, 32782, 32783, 32784

**Athletics: Boys' Basketball I, II, III, IV:** 32761, 32762, 32763, 32764

**Athletics: Girls' Basketball I, II, III, IV:** 32771, 32772, 32773, 32774

**Athletics: Football I, II, III, IV:** 32741, 32742, 32743, 32744

**Athletics: Softball I, II, III, IV:** 32791, 32792, 32793, 32794

**Athletics: Volleyball I, II, III, IV:** 32751, 32752, 32753, 32754

Credit: 1

Requirement: Must participate in a team sport at Marion High School

This course includes basketball, volleyball and softball. The basic skills and fundamentals of each of these sports are taught. Team concepts and team goals are stressed over individual achievements. Those students not participating in the sport being played in the season will participate in off-season exercise. Those students playing volleyball will attend August workouts. Those students dropping athletics in the fall season will not be able to participate in spring athletics. Those students that drop athletics in the spring season will not be able to participate in athletics in the following fall/spring season. A physical is required at the student's expense.

Local ID: See Above

PEIMS ID:

## Languages Other Than English

### Spanish I

Credit: 1

Prerequisites: None.

This course is an introduction to the Spanish language that uses the natural approach to language acquisition. The focus of Spanish I is to understand the Spanish language in spoken form. New vocabulary and grammar basics are included in this course as a way of explaining why we say things the way we do in Spanish. Through the imitation, repetition, and analysis of specified sentences, students are expected to acquire accurate pronunciation and habits of correct usage of the fundamental patterns of Spanish. Through variation of these sentences in pattern drills, extensive question-answer drills, and situational contexts, the students are guided to express their own thoughts. As the skills of aural comprehension and speaking are strengthened, students learn to read and write what they can say. At the end of Level 1, they should possess the ability to engage in simple conversations, understand simple conversations, and coherently express themselves within the limitations of their knowledge of vocabulary and structure.

Local ID: 32510

PEIMS ID: 03440100

## Languages Other Than English

### **Spanish I for Native Speakers**

Credits: 1

Prerequisite: Counselor Approval.

This course is an introduction to the Spanish language that uses the natural approach to language acquisition. The focus of Spanish I is to understand the Spanish language in spoken form. New vocabulary and grammar basics are included in this course as a way of explaining why we say things the way we do in Spanish. Through the imitation, repetition, and analysis of specified sentences, students are expected to acquire accurate pronunciation and habits of correct usage of the fundamental patterns of Spanish. Through variation of these sentences in pattern drills, extensive question-answer drills, and situational contexts, the students are guided to express their own thoughts. As the skills of aural comprehension and speaking are strengthened, students learn to read and write what they can say. At the end of Level 1, they should possess the ability to engage in simple conversations, understand simple conversations, and coherently express themselves within the limitations of their knowledge of vocabulary and structure. This course is designed specifically for students who are native Spanish speakers.

Local ID: 32512

PEIMS ID: 03440110

### **Spanish II**

Credit: 1

Prerequisite: Spanish I

This course is a second level Spanish course that uses the natural approach to language acquisition. The focus of Spanish II is to be able to express yourself in the Spanish language through verbal and written forms. New vocabulary and grammar basics are included in this course as a way of explaining why we say things the way we do in Spanish. Development of the communicative skills introduced in Level 1 continues to be the aim of the Level 2 course. Emphasis is placed upon expansion of vocabulary, while at the same time stressing reinforcement of accurate and fluent use of the structural elements of Spanish, both in spoken and written form. To achieve this objective, the student is guided through reading, discussion, and personal application of dialogues, as well as longer narratives. These materials, based upon the everyday activities of Spanish-speaking people, give the student some insight into Spanish and Spanish-American attitudes and interests.

Local ID: 32520

PEIMS ID: 03440200

## Languages Other Than English

### **Spanish II for Native Speakers**

Credits: 1

Prerequisite: Counselor Approval.

This course is a second level Spanish course that uses the natural approach to language acquisition. The focus of Spanish II is to be able to express yourself in the Spanish language through verbal and written forms. New vocabulary and grammar basics are included in this course as a way of explaining why we say things the way we do in Spanish. Development of the communicative skills introduced in Level 1 continues to be the aim of the Level 2 course. Emphasis is placed upon expansion of vocabulary, while at the same time stressing reinforcement of accurate and fluent use of the structural elements of Spanish, both in spoken and written form. To achieve this objective, the student is guided through reading, discussion, and personal application of dialogues, as well as longer narratives. These materials, based upon the everyday activities of Spanish-speaking people, give the student some insight into Spanish and Spanish-American attitudes and interests. This course is designed specifically for students who are native Spanish speakers.

Local ID: 32522

PEIMS ID: 03440200

### **Spanish III, IV**

Credit: 1 each

Prerequisite: Spanish II

This course is a third year Spanish course that uses the natural approach to language acquisition. The focus of Spanish III is to be able to express yourself in the Spanish language through verbal and written forms as well as to learn to appreciate literature in Spanish. New vocabulary and grammar basics are included in this course as a way of explaining why we say things the way we do in Spanish. Spanish III is planned to continue the basic skills of communication. A proportional emphasis on each skill is maintained with the listening and speaking skills from the previous levels remaining central. Reading and writing skills are extensively developed with the use of short stories by contemporary writers. Composition is guided. Reinforcement of structure and vocabulary is accomplished through the directed composition, the reading selections serving as a basis for an accurate manipulation of the patterns of the language. This course is required for a Cultural Studies endorsement.

Local ID: 32530; 32540

PEIMS ID: 03440300; 03440400

## Languages Other Than English

### **Spanish III, IV for Native Speakers**

Credits: 1 each

Prerequisite: Counselor Approval.

This course is a third year Spanish course that uses the natural approach to language acquisition. The focus of Spanish III is to be able to express yourself in the Spanish language through verbal and written forms as well as to learn to appreciate literature in Spanish. New vocabulary and grammar basics are included in this course as a way of explaining why we say things the way we do in Spanish. Spanish III is planned to continue the basic skills of communication. A proportional emphasis on each skill is maintained with the listening and speaking skills from the previous levels remaining central. Reading and writing skills are extensively developed with the use of short stories by contemporary writers. Composition is guided. Reinforcement of structure and vocabulary is accomplished through the directed composition, the reading selections serving as a basis for an accurate manipulation of the patterns of the language. This course is required for a Cultural Studies endorsement. This course is designed specifically for students who are native Spanish speakers.

Local ID: 32532; 32542

PEIMS ID: 03440330; 03440400

### **AP Spanish Language and Culture**

Credit: 1

Prerequisite: Spanish III

The AP Spanish Language and Culture courses prepares and assesses students' proficiencies in the interpersonal, interpretive, and presentational modes of communication. As much as possible, students read and listen to authentic texts from the Spanish-speaking world throughout the exam. Student is required to sit for AP exam. AP Exam fee is approximately \$94.00.

Local ID: 32545

PEIMS ID: A3440100

## **Career and Technology Education (CTE)/ Agriculture, Food, and Natural Resources**

For the below courses, please see each coherent sequence of courses for guidance. Courses may not be offered every year due to staffing and student requests.

### **Principles of Agriculture, Food and Natural Resources (Agribusiness Option)**

Credit: 1

Prerequisites: None.

This course prepares students for careers in agriculture, food, and natural resources. Students must attain academic skills and knowledge in agriculture, allowing students to develop knowledge and skills regarding career opportunities, personal development, globalization, industry standards, details, practices, and expectations. Students will have opportunities to learn, reinforce, experience, apply, and transfer their knowledge and skills in a variety of settings. Activities are designed to familiarize the student with most aspects of agriculture including: careers, record keeping, FFA, leadership, animal and plant sciences, natural resources, food and fiber systems and basic metals. Students must participate in LDE and CDE contests.

Local ID: 32801

PEIMS ID: 13000200

### **Professional Standards in Agribusiness**

Credit: 1

Prerequisite: second course in coherent sequence for agribusiness endorsement

This course is designed to develop leadership, citizenship and cooperation skills. It includes lessons in personal development, employee/employer relations and group and interpersonal communication skills. Members of this class will be required to participate on FFA leadership development event/career development event teams as part of the curriculum.

Local ID: 32802

PEIMS ID: 13000800

### **Practicum in Agriculture, Food and Natural Resources I: 11th grade**

### **Practicum in Agriculture, Food and Natural Resources II: 12th grade**

Credit: 1/Credits: 2

Prerequisite: third and fourth course in coherent sequence.

This course is designed to provide an opportunity for students to apply multiple skills to plan and conduct research including applying scientific methods of investigations, data collection and data analysis. The student's ability to utilize a variety of resources, technologies and communication skills will be demonstrated. Members of this class will be expected to participate on FFA leadership development event/career development event teams as part of the curriculum.

Local ID: 32803; 32804

PEIMS ID: 13002500; 13002510

# Career and Technology Education (CTE)/ Agriculture, Food, and Natural Resources

## Principles of Agriculture, Food and Natural Resources (Plant/Animal Option)

Credit: 1

Prerequisites: None.

This course prepares students for careers in agriculture, food, and natural resources. Students must attain academic skills and knowledge in agriculture, allowing students to develop knowledge and skills regarding career opportunities, personal development, globalization, industry standards, details, practices, and expectations. Students will have opportunities to learn, reinforce, experience, apply, and transfer their knowledge and skills in a variety of settings.

Local ID: 32810

PEIMS ID: 13000200

## Livestock Production

Credit: 1

Prerequisite: Principles of AFNR

A study of the operational methods of livestock production utilized in the breeding and managing of beef and dairy cattle, swine, sheep, and goats. Emphasis is on economically important traits, animal selection, marketing and management, and on the economic principles of the livestock industry. Additional topics covered in this course: the impact of biotechnology on livestock, genetic defects, body conditioning, scoring techniques within species, and current domestic and global trends in livestock production.

Local ID: 32811

PEIMS ID: 13000300

## Equine Science

Credit: .5

Prerequisite: Livestock Production.

The care and management of horses has developed into Equine Science, a multi-million dollar industry. The course will help the novice and the student who is already active in the horse industry to learn selection, nutrition, reproduction health, judging and management of horses, donkeys and mules.

Local ID: 32812

PEIMS ID: 13000500

# Career and Technology Education (CTE)/ Agriculture, Food, and Natural Resources

## Small Animal Management

Credit: .5

Prerequisite: Livestock Production.

This course will prepare students for careers in the field of animal science. Students need to acquire knowledge and skills related to animal systems and the workplace, and develop knowledge and skills regarding career opportunities, and industry expectations. Small animals that may be included in the course of study include, but are not limited to small mammals, amphibians, reptiles, avian, dogs and cats.

Local ID: 32813

PEIMS ID: 13000400

## Advanced Animal Science

Credit: 1

Perquisites: Equine Science/Small Animal Management.

This course is designed to provide an academically stimulating environment for students wishing to advance their knowledge of animal science. Students will explore animal anatomy and physiology as well careers related to the animal science industry. Comparisons of human and animal systems will be addressed as well as simple veterinary procedures. This class will count as an advanced science course on Foundation and Endorsement Graduation Plans.

Local ID: 32386

PEIMS ID: 13000700

## Practicum in Agriculture, Food and Natural Resources I: Plant

Credit: 1/Credits: 2

Prerequisite: third and fourth course in coherent sequence.

This course is designed to provide an opportunity for students to apply multiple skills to plan and conduct research including applying scientific methods of investigations, data collection and data analysis. The student's ability to utilize a variety of resources, technologies and communication skills will be demonstrated. Members of this class will be expected to participate on FFA leadership development event/career development event teams as part of the curriculum.

Local ID: 32814

PEIMS ID: 13002500

# Career and Technology Education (CTE)/ Agriculture, Food, and Natural Resources

## Principles of Agriculture, Food and Natural Resources (Plant/Animal Option)

Credit: 1

Prerequisites: None.

This course prepares students for careers in agriculture, food, and natural resources. Students must attain academic skills and knowledge in agriculture, allowing students to develop knowledge and skills regarding career opportunities, personal development, globalization, industry standards, details, practices, and expectations. Students will have opportunities to learn, reinforce, experience, apply, and transfer their knowledge and skills in a variety of settings.

Local ID: 32810

PEIMS ID: 13000200

## Principles and Elements of Floral Design

Credit: 1

Prerequisite: Principles in Agriculture, Food, and Natural Resources.

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. This course will satisfy the Fine Arts requirement necessary for graduation.

Local ID: 32815

PEIMS ID: 13001800

## Advanced Floral Design

Credit: 1

Prerequisite: third course in coherent sequence

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

Local ID: 32816

PEIMS ID: N1300270

# Career and Technology Education (CTE)/ Agriculture, Food, and Natural Resources

## Practicum in Agriculture, Food and Natural Resources I: Plant

Credit: 1/Credits: 2

Prerequisite: Third and fourth course in coherent sequence.

This course is designed to provide an opportunity for students to apply multiple skills to plan and conduct research including applying scientific methods of investigations, data collection and data analysis. The student's ability to utilize a variety of resources, technologies and communication skills will be demonstrated. Members of this class will be expected to participate on FFA leadership development event/career development event teams as part of the curriculum.

Local ID: 32817

PEIMS ID: 13002500

## Energy & Natural Resource Technology

Credit: 1

Prerequisite: Wildlife, Fisheries, and Ecology Management

This course is designed to explore the interdependency of the public and natural resource systems related to energy production. Renewable, sustainable, and environmentally friendly practices will be explored. To be prepared for careers in the field of energy and natural resource systems, students need to attain academic skills and technical knowledge and skills related to energy and natural resources and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations.

Local ID: 32819

PEIMS ID: 13001100

## Wildlife, Fisheries and Ecology Management

Credit: 1

Prerequisite: Principles of Agriculture, Food, and Natural Resources

A technical course designed to examine the importance of wildlife and outdoor recreation with emphasis on using wildlife and natural resources. Hunter safety certification and wildlife judging opportunities are offered in this class

Local ID: 32818

PEIMS ID: 13001500

## **Career and Technology Education (CTE)/ Agriculture, Food, and Natural Resources**

### **Practicum in Agriculture, Food and Natural Resources I: Wildlife**

Credit: 1/Credits: 2

Prerequisite: Wildlife, Fisheries, and Ecology Management

This course is designed to provide an opportunity for students to apply multiple skills to plan and conduct research including applying scientific methods of investigations, data collection and data analysis. The student's ability to utilize a variety of resources, technologies and communication skills will be demonstrated. Members of this class will be expected to participate on FFA leadership development teams as part of the curriculum.

Local ID: 32820

PEIMS ID: 13002500

## **Career and Technology Education (CTE)/Arts, Audio/Video Technology and Communications Cluster**

### **Principles of Arts, A/V Technology and Communications**

Credit: 1

Prerequisites: None.

Students will be expected to develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those opportunities. This course is the first in the coherent sequence of courses for Business & Industry endorsements.

Local ID: 32840

PEIMS ID: 13008200

### **Animation I**

Credit: 1

Prerequisites:

This course allows students to create animation projects using principles of design to combine graphics, images and sound. A variety of techniques will be explored.

Local ID: 32841

PEIMS ID: 13008300

# Career and Technology Education (CTE)/Arts, Audio/Video Technology and Communications Cluster

## **Animation II**

Credit: 1

Prerequisites: Animation I

This project based course provides students the opportunity to expand upon the animation knowledge and skills mastered in the first animation course.

Local ID: 32842

PEIMS ID: 13008400

## **Practicum in Animation**

Credit: 1

Prerequisites: Animation I, Animation II

Careers in animation span all aspects of the arts, audio/video technology, and communications industry. Building upon the concepts taught in Animation II and its corequisite Animation II Lab, in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an increasing understanding of the industry with a focus on applying pre-production, production, and post-production animation products in a professional environment. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.

Local ID: 32843

PEIMS ID: 13008450

## **Audio/Video Production I**

Credit: 1

Prerequisites: Principles of Art, Audio Visual Technology, and Communications

A Recommended corequisite: Audio/Video Production I Lab. Students shall be awarded one credit for successful completion of this course. Careers in audio and video technology and film production span all aspects of the audio/video communications industry. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an understanding of the industry with a focus on preproduction, production, and post-production audio and video products.

Local ID: 32844

PEIMS ID: 13008500

# Career and Technology Education (CTE)/Arts, Audio/Video Technology and Communications Cluster

## Audio/Video Production II

Credit: 1

Prerequisites: Audio/Video Production I

Careers in audio and video technology and film production span all aspects of the audio/video communications industry. Building upon the concepts taught in Audio/Video Production, in addition to developing advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an advanced understanding of the industry with a focus on pre-production, production, and post-production products. This course may be implemented in an audio format or a format with both audio and video.

Local ID: 32845

PEIMS ID: 13008600

## Practicum in Audio/Video Production

Credits: 2

Prerequisites: Audio/Video Production II

Students shall be awarded two credits for successful completion of this course. A student may repeat this course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills. This course may be implemented in an advanced audio/video or audio format. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.

Local ID: 32846

PEIMS ID: 13008700

## Graphic Design and Illustration I

Credit: 1

Prerequisites:

This course is designed to span all aspects of the advertising and visual communication industries. Within this context students will be expected to develop an understanding of the industry with a focus on fundamental elements and principles of design, visual art and graphic design and illustration.

Local ID: 32847

PEIMS ID: 13008800

# Career and Technology Education (CTE)/Arts, Audio/Video Technology and Communications Cluster

## Graphic Design and Illustration II

Credit: 1

Prerequisites: Graphic Design and Illustration II.

This course provides students with the opportunity to develop an advanced understanding of all aspects of the advertising and visual communications industries. Students will develop advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career field.

Local ID: 32848

PEIMS ID: 13008900

## Practicum in Graphic Design and Illustration

Credits: 2

Prerequisites: Graphic Design and Illustration III.

This course is a supervised project-based class where students will apply knowledge and skills from previous graphic design courses in a related advanced field of study. Students are required to submit a formal project plan within 15 school days after enrollment in the course.

Local ID: 32849

PEIMS ID: 13009000

## Video Game Design I, II, III

Credit: 1

Prerequisite: Principles of Art, Audio Visual Technology, and Communications

Video Game Design will allow students to explore one of the largest industries in the global marketplace and the new emerging careers it provides in the field of technology. Students will learn gaming, computerized gaming, evolution of gaming, artistic aspects of perspective, design, animation, technical concepts of collision theory, and programming logic. Students will participate in a simulation of a real video game design team while developing technical proficiency in constructing an original game design.

Local ID: 32852; 32853; 32854

PEIMS ID: 13009970; N1300994; N1300995

## Practicum in Information Technology I — INFORMATION, TECHNOLOGY, AND SECURITY ACADEMY: Year 1

Local ID: 32850

PEIMS ID: 13028000

## Practicum in Information Technology II — INFORMATION, TECHNOLOGY, AND SECURITY ACADEMY: Year 2

Local ID: 32851

PEIMS ID: 13028010

# Career and Technology Education (CTE)/Arts, Audio/Video Technology and Communications Cluster

## **Journalism**

Credit: 1

Prerequisites: None

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

Local ID: 32161

PEIMS ID: 03230100

## **Advanced Journalism: Newspaper I, II, III**

Credit: 1

Prerequisites: Journalism. Counselor Approval.

Development of writing and reporting skills beyond the introductory level and cooperation with others to develop a product, the school newspaper, are key goals of this course. Student of and working with actual budgets, deadlines, advertising campaigns, circulation, publication and page design, page paste-up, editing and proofreading are other major activities. Lab work in this course (for the school newspaper) will require outside-of-class work in interviewing, writing, page design and paste-up, and advertising activities.

Local ID: 32162; 32163; 32164

PEIMS ID: 03230140; 03230150; 03230160

## **Advanced Journalism: Yearbook I, II, III**

Credit: 1

Prerequisites: Journalism. Counselor Approval.

Students will develop skills in yearbook publication, including advertising, writing, graphics, page layout and design, production of ad pages and photography. Lab work will require outside-of-class work to complete projects.

Local ID: 31165; 32166; 32767

PEIMS ID: 03230110; 03230120; 03230130

# Career and Technology Education (CTE)/Business, Marketing, and Finance Career Cluster

## Principles of Business, Marketing and Finance

Credit: 1

Prerequisites: None.

Principles of Business, Marketing, and Finance, students gain knowledge and skills in economies and private enterprise systems, the impact of global business, marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles. This course allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems and settings in business, marketing, and finance.

Local ID: 32860

PEIMS ID: 13011200

## Advertising

Credit: .5

Prerequisites: Principles of Business, Marketing, and Finance

Students will gain knowledge of techniques used in current advertising, including print, broadcast, and digital media. The course explores the social, cultural, ethical, and legal issues of advertising, historical influences, strategies, media decision processes as well as integrated marketing communications, and careers in advertising and sales promotion. The course provides an overview of how communication tools can be used to reach target audiences and increase consumer knowledge.

Local ID: 32861

PEIMS ID: 13034200

## Social Media Marketing

Credit: .5

Prerequisites: Principles of Business, Marketing, and Finance

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

Local ID: 32866

PEIMS: 13034650

# Career and Technology Education (CTE)/Business, Marketing, and Finance Career Cluster

## Sports and Entertainment Marketing

Credit: .5

Prerequisite: Principles of Business, Marketing, and Finance.

Sports and Entertainment Marketing will provide students with a thorough understanding of the marketing concepts and theories that apply to sports and entertainment. The areas this course will cover include basic marketing concepts, publicity, sponsorship, endorsements, licensing, branding, event marketing, promotions, and sports and entertainment marketing strategies.

Local ID: 32862

PEIMS ID: 13034600

## Entrepreneurship

Credit: 1

Prerequisites: Principles of Business, Marketing, and Finance.

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

Local ID: 32863

PEIMS ID: 13034400

## Career Prep I

Credit: 1

Prerequisites: Successful completion of EOC exams, Credit awarded from previous school year and show proof of employment. Sequence of two CTE pathway courses.

Career Preparation I 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. Students spend one class period daily and a minimum of 15 hours on the job weekly in areas of employment such as business, marketing, retailing, agriculture, food service. Students must provide proof of employment and transportation to their place of employment.

Local ID: 32864

PEIMS ID: 12701300

# Career and Technology Education (CTE)/Business, Marketing, and Finance Career Cluster

## Career Prep II

Credit: 1

Prerequisite: same as Career Prep I, plus one or more advanced CTE courses that are part of a coherent sequence of courses in a career cluster related to the field in which the student will be employed.

Career Preparation II develops essential knowledge and skills through classroom technical instruction and on-the-job training in an approved business and industry training area. Students will develop skills for lifelong learning, employability, leadership, management, work ethics, safety, and communication as a group; however, each student will have an individual training plan that will address job-specific knowledge and skills. Approved training sponsors will provide paid occupational training for a student. The training sponsor will assist the teacher in providing the necessary knowledge and skills for the student's specific career preparation.

Local ID: 32865

PEIMS ID: 12701400

## Practicum in Marketing

Credits: 2

Prerequisites: Entrepreneurship

Practicum in Marketing is a series of dynamic activities that focus on the customer to generate a profitable exchange. Students will gain knowledge and skills that help them to be proficient in one or more of the marketing functional areas associated with distribution, financing, marketing information management, pricing, product planning, promotion, purchasing, risk management, and selling skills. Students will integrate skills from academic subjects, information technology, interpersonal communication, and management training to make responsible decisions. The practicum course is a paid or unpaid experience for students participating in a coherent sequence of career and technical courses in marketing.

Local ID: 32867

PEIMS ID: 13034800

## Career and Technology Education (CTE)/Manufacturing Cluster

### **Principles of Agriculture, Food and Natural Resources (Ag Mech Option)**

Credit: 1

Prerequisites: None.

This course prepares students for careers in agriculture, food, and natural resources. Students must attain academic skills and knowledge in agriculture, allowing students to develop knowledge and skills regarding career opportunities, personal development, globalization, industry standards, details, practices, and expectations. Students will have opportunities to learn, reinforce, experience, apply, and transfer their knowledge and skills in a variety of settings. This course leads into the Ag Mechanics pathway.

Local ID: 32830

PEIMS ID: 13000200

### **Agricultural Mechanics & Metal Technologies**

Credit: 1

Prerequisite: Principles of Agriculture, Food, and Natural Resources

Agricultural Mechanics and Metal Technologies is designed to develop an understanding of agricultural mechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, concrete, and metal working techniques. To prepare for careers in agricultural power, structural, and technical systems, students must 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.

Local ID: 32831

PEIMS ID: 13002200

### **Agricultural Structures Design and Fabrication**

Credit: 1

Prerequisite: Agricultural Mechanics and Metal Technologies

In Agricultural Structures Design and Fabrication, students will explore career opportunities, entry requirements, and industry expectations. To prepare for careers in mechanized agriculture and technical systems, students must attain knowledge and skills related to agricultural structures design and fabrication. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their academic knowledge and technical skills in a variety of settings.

Local ID: 32832

PEIMS ID: 13002300

# Career and Technology Education (CTE)/Manufacturing Cluster

## **Agricultural Power Systems**

Credits: 2

Prerequisite: Principles of Agriculture, Food, and Natural Resources.

Agricultural Power Systems is designed to develop an understanding of power and control systems as related to energy sources, small and large power systems, and agricultural machinery. To prepare for careers in agricultural power, structural, and technical systems, students must attain academic skills and knowledge; acquire technical knowledge and skills related to power, update structural, and technical agricultural systems and the workplace; and develop knowledge and skills regarding career opportunities, entry requirements, industry certifications, and industry expectations.

Local ID: 32833

PEIMS ID: 13002400

## **Welding I**

Credit: 1

Prerequisites:

Through the methods of lecture/discussion, films and demonstration, the student will be introduced to electric and gas welding and cutting. The student will be provided with the fundamental principles of joining ferrous and non-ferrous metals, welding and cutting processes, equipment operation, and safety procedures. The student will develop the skills to safely use oxy-acetylene cutting equipment and the skills to use the Shielded Metal Arc Welding (SMAW) process in all positions.

Local ID: 32834

PEIMS ID: 13032300

## **Welding II**

Credits: 2

Prerequisite: Welding I.

The student will be assigned independent studies to compete for purpose of gaining the abilities to fabricate, solve problems, and further develop the skills learned in the Welding I course. This is a two hour course. OSHA certification may be obtained.

Local ID: 32835

PEIMS ID: 13032400

**ALAMO ACADEMIES:** Students must apply to be admitted to program as per Alamo Academies admission requirements.

## **PREMMAN I — MANUFACTURING: Year 1**

Local ID: 32836

PEIMS ID: 13032500

## **PREMMAN II — MANUFACTURING: Year 2**

Local ID: 32837

PEIMS ID: 13032600

# Career and Technology Education (CTE)/Hospitality & Tourism Cluster

## Principles of Hospitality & Tourism

Credit: 1

Prerequisites: None.

The hospitality and tourism industry encompasses lodging; travel and tourism; recreation, amusements, attractions, and resorts; and restaurants and food beverage services.

Local ID: 32870

PEIMS ID: 13022200

## Introduction to Culinary Arts

Credit: 1

Prerequisite: Principles of Hospitality & Tourism.

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.

Local ID: 32871

PEIMS ID: 13022550

## Culinary Arts

Credit: 2

Prerequisites: Introduction to Culinary Arts.

Culinary Arts begins with the fundamentals and principles of the art of cooking and the science of baking and includes management and production skills and techniques. Students can pursue a national sanitation certification or other appropriate industry certifications. This course is offered as a laboratory-based course.

Local ID: 32872

PEIMS ID: 13022600

## **Career and Technology Education (CTE)/Hospitality & Tourism Cluster**

### **Practicum in Culinary Arts**

Credit: 2

Prerequisites: Introductions to Culinary Arts & Culinary Arts.

Practicum in Culinary Arts is a unique two-hour 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.

Local ID: 32873

PEIMS ID: 13022700

## **Career and Technology Education (CTE)/Health Science Career Cluster**

### **Principles of Health Science**

Credit: 1

Prerequisites: None.

This course designed to provide for the development of knowledge and skills related to a wide variety of health careers. Students will employ hands-on experiences for continued knowledge and skill development.

Local ID: 32880

PEIMS ID: 13020200

### **Medical Terminology**

Credit: 1

Prerequisite: Principles of Health Science.

The Medical Terminology course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, singular and plural forms, and medical abbreviations. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology. (4) To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, and communicate effectively. Students should recognize that quality health care depends on the ability to work well with others.

Local ID: 32861

PEIMS ID: 13020300

## Career and Technology Education (CTE)/Health Science Career Cluster

### **Anatomy & Physiology**

Credit: 1

Prerequisite: Biology and Chemistry

This course provides an in-depth study of the human body, and may provide an introductory background for those students who wish to pursue a career in a medical, scientific, or health-related field. The course will study the form (structure) and function of body parts (cells, tissues, organs), complexity of homeostatic mechanisms and the application to one's personal health. Dissection of the cat, and other specimens, is a course requirement and will not be substituted by computer simulations, etc. Under the STEM endorsement, may be taken concurrently with Physics and is a prerequisite for AP Biology.

Local ID: 32380

PEIMS ID: 13020600

### **Practicum in Health Science: CNA (Certified Nurse Assistant)**

Credits: 2

The Practicum in Health Science course is designed to give students practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. This course is designed to give students practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. This practicum is specific to CNA and will be expected to sit for the state CNA certification exam. The course is rigorous and follows a very strict schedule to meet the state regulations. Students may be required to pass a safety test(s) demonstrating 100% mastery before being allowed to participate in lessons that require use of equipment or tools. Students must have health insurance; meet special immunization requirements; and pass a criminal background check to allow them to work with patients in a clinical setting. A student may repeat this course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills. There is a certification test at the end of this course.

Local ID: 32882

PEIMS ID: 13020500

## Other Courses

### **MAPS I, II**

Credit: 1

Prerequisites: None.

Students will explore the options available in high school, higher education, and the professional world in order to establish both immediate and long-range personal goals. After identifying their individual learning styles and abilities, students will build on these abilities by developing critical time-management, organization and study skills. The course focuses on self-understanding, decision-making, resiliency, attitude, character education, and leadership to help students maximize personal achievement. Students will develop the specific strategies necessary to achieve their personal and professional goals. The course emphasizes proactive problem-solving, self-determination, and independent thinking and learning skills. In addition, students will explore and experience collaboration as a tool for creative problem solving. As part of goal setting and leadership activities, students may complete an outside community service learning experience in addition to class assignments.

Local ID: 33000

PEIMS ID: N1130021