

# Eastwood High School



Academic Planning Guide  
2025-2026

The purpose of this catalog is to provide Eastwood High School students, parents, administration, and teachers an understanding of class offerings and their focus, recommended sequences within content areas and disciplines, and credit requirements for graduation.

It is the responsibility of the student and parent(s) to know how many credits the student has earned and how many are needed for graduation. Counselors, parents/guardians and students should be engaged with a student's class selection every year. This catalog is subject to change based on TEA, YISD, or EHS discretion. All questions should be forwarded to the administration or counselors department at Eastwood High School.

# Table of Contents

Graduation Requirements
Advanced Academics
English
Math
Science
Social Studies
Foreign Language
Fine Arts
Athletics
Electives
Career and Technical Education

# YISD Graduation Requirements

All students who enroll at Eastwood High School will graduate according to the YISD Graduation Plan. This is a Distinguished Level Graduation Plan that is based on the TEA Texas Foundation Plan but also requires additional credits. Students are encouraged to familiarize themselves with the YISD Graduation Plan and the specific requirements with the assistance of their counselors and administration. Not all courses could be available as this is an example of how graduation requirements can be met.

	CREDIT 1	CREDIT 2	CREDIT 3	CREDIT 4
ENGLISH	<ul style="list-style-type: none"> <li>English I</li> <li>PAP English I</li> </ul>	<ul style="list-style-type: none"> <li>English II</li> <li>PAP English II</li> </ul>	<ul style="list-style-type: none"> <li>English III</li> <li>AP English III</li> <li>English III Dual Credit</li> </ul>	<ul style="list-style-type: none"> <li>English IV</li> <li>English IV Dual Credit</li> <li>AP English Literature &amp; Composition</li> <li>College Prep English</li> </ul>
MATH	<ul style="list-style-type: none"> <li>Algebra I</li> <li>Algebra I DL</li> <li>PAP Algebra I</li> <li>PAP Algebra I DL</li> </ul>	<ul style="list-style-type: none"> <li>Algebra II</li> <li>PAP Algebra II</li> </ul>	<ul style="list-style-type: none"> <li>Geometry</li> <li>Geometry DL</li> <li>PAP Geometry</li> <li>Precalculus</li> <li>Precalculus DL</li> <li>ADV Precalculus</li> <li>AP Precalculus</li> <li>OnRamps Precalculus</li> <li>AP Statistics</li> </ul>	<ul style="list-style-type: none"> <li>Precalculus</li> <li>Precalculus Dual Credit</li> <li>Precalculus DL</li> <li>ADV Precalculus</li> <li>AP Precalculus</li> <li>OnRamps Precalculus</li> <li>Calculus (Non AP)</li> <li>AP Statistics</li> <li>AP Calculus AB</li> <li>AP Computer Science</li> <li>College Prep Math</li> </ul>
SCIENCE	<ul style="list-style-type: none"> <li>Biology</li> <li>Biology DL</li> <li>PAP Biology</li> </ul>	<ul style="list-style-type: none"> <li>Chemistry</li> <li>PAP Chemistry</li> <li>OnRamps Chemistry</li> <li>OnRamps Physics</li> </ul>	<ul style="list-style-type: none"> <li>Physics</li> <li>Environmental Systems</li> <li>Biology Dual Credit</li> <li>AP Biology</li> <li>AP Chemistry</li> <li>AP Physics 1</li> <li>OnRamps Physics I</li> <li>AP Environmental Science</li> <li>Medical Microbiology</li> <li>Pathophysiology</li> <li>Forensic Science</li> <li>Scientific Research &amp; Design Dual Language</li> <li>Engineering Design &amp; Problem Solving STEM</li> <li>Earth &amp; Space Science</li> </ul>	<ul style="list-style-type: none"> <li>Environmental Systems</li> <li>Biology Dual Credit</li> <li>AP Biology</li> <li>AP Chemistry</li> <li>AP Physics 2</li> <li>AP Environmental Science</li> <li>Anatomy &amp; Physiology</li> <li>Medical Microbiology</li> <li>Pathophysiology</li> <li>Forensic Science</li> <li>Scientific Research &amp; Design Dual Language</li> <li>Engineering Design &amp; Problem Solving STEM</li> <li>Earth &amp; Space Science</li> </ul>

<b>SOCIAL STUDIES</b>	<ul style="list-style-type: none"> <li>• World Geography</li> <li>• AP Human Geography</li> </ul>	<ul style="list-style-type: none"> <li>• World History</li> <li>• AP World History</li> </ul>	<ul style="list-style-type: none"> <li>• U.S. History</li> <li>• AP U.S. History</li> <li>• DC U.S. History</li> </ul>	<ul style="list-style-type: none"> <li>• U.S. Government (1/2 credit)</li> <li>• Economics (1/2 credit)</li> <li>• AP U.S. Government</li> <li>• AP Microeconomics</li> <li>• DC U.S. Government</li> </ul>
<b>LOTE</b>	<b>Two credits to include:</b> Two of the same language or Computer Programming Language			
<b>PHYSICAL EDUCATION</b>	<b>One Credit</b> Credit may be earned from any combination of the following 1/2 to one credit courses: Foundations of Personal Fitness, Team or Individual Sports. In accordance with local district policy, credit for any of the courses listed above may be earned through participation in the following activities: <ul style="list-style-type: none"> <li>• Athletics (up to 4 credits)</li> <li>• JROTC (up to 4 credits)</li> <li>• Drill Team (up to 1 credit)</li> <li>• Marching Band (up to 1 credit)</li> <li>• Cheerleading (up to 1 credit)</li> </ul>			
<b>FINE ARTS</b>	<b>One credit from any of the following:</b> <ul style="list-style-type: none"> <li>• Art</li> <li>• Dance</li> <li>• Music</li> <li>• Theater Arts</li> <li>• AP Art History</li> <li>• AP Studio Art</li> </ul>			
<b>HEALTH/SPEECH</b>	<b>½ Credit Health &amp; ½ Credit Professional Communications</b>			
<b>ELECTIVES</b>	<b>Five Elective Credits</b>			
<b>26 CREDITS REQUIRED FOR YISD DISTINGUISHED LEVEL GRADUATE</b>				

Distinguished Level of Achievement is earned by a student after successful completion of the following:

- A total of four credits in mathematics, which must include Algebra II
  - A total of four credits in science
  - The remaining curriculum requirements
  - The curriculum requirements for at least one endorsement
- Performance Acknowledgement may be earned upon completion of the Distinguished Level of Achievement and for an outstanding performance in the following areas:
- Dual Credit Courses
  - Bilingualism and Biliteracy
  - AP Exams
  - PSAT, ACT, or SAT 4
  - Earning a nationally or internationally recognized business or industry certification or license

# Advanced Academics

**ADVANCED PLACEMENT/PRE-ADVANCED PLACEMENT PROGRAM GUIDELINES** AP/Pre-AP instruction requires a differentiated curriculum by content depth and performance assessed on the bases of higher-level thinking skills (analysis, synthesis, and evaluation). AP/Pre-AP instruction emphasizes skill development for various disciplines while maintaining content appropriate to age and grade level. AP instruction will follow guidelines developed by The College Board in the appropriate AP Course Description Book and Teacher's Guide. Vertical Teams have been established in the five core subject areas (English, Mathematics, Science, Social Studies and LOTE) and Pre-AP instruction will follow the guidelines developed by these teams to provide sequential preparation for the appropriate AP course.

## INSTRUCTION

- Pre-AP courses exist if they lead directly to an Advanced Placement Course as recognized by the College Board and the Texas Essential Knowledge & Skills (TEK S), which, in turn, lead to a recognized AP exam.
- Pre-AP instruction should be accomplished through:
- Homogeneous Grouping: After receiving information regarding the appropriate Pre-AP curriculum syllabus and signing a Pre-AP contract, students are designated as Pre-AP students and are scheduled in a separate class. (Preferred)
- All Pre-AP and AP instructors must have 30 hours of College Board certified training before becoming instructors of the course.

## ENTRANCE INTO/EXIT FROM PROGRAM

*Entrance into the AP/Pre-AP program will be open to all YISD students. A student must meet normal prerequisites for each course; however, prerequisites need not be AP/ Pre-AP courses nor are there restrictions based on designated levels of past achievement. Entry into the program may begin at any grade level. A student may request to drop an AP/Pre-AP class before the end of the first 3 weeks or at the completion of the semester (completion of any grading period for middle school students.)*

## GRADE POINT AVERAGE ( GPA) BONUS :

Guidelines for AP and Pre-AP courses are as follows:

- Ten weighted points shall be added to the final course grade of an AP course if the course average is (for the complete course, including both semesters of a two-semester course) 80 or higher, the course is completed and the College Board AP exam is taken, with an additional 5 weighted points added to the final course grade if the student receives a score of three or higher on the College Board AP exam.
- Five additional weighted points shall be added to the final course grade for a score of three or higher on the College Board AP exam.
- Five weighted points shall be added to the final course grade of a Pre-AP course if the course average is 80 percent or higher, provided the course is completed.

**EXAM FEE:** An exam fee of \$15 per exam, which is subject to change, must be paid prior to the fee deadline. Students wanting to challenge any AP test must pay for their exam by November 1st. Students who drop the course/and or decide not to take the AP test after November 15th will incur an additional \$25.00 restocking fee.

# ADVANCED PLACEMENT/PRE-ADVANCED PLACEMENT PROGRAM

The following is a list of Pre-Advanced Placement and Advanced Placement course offerings at Eastwood High School. Courses may not be offered based on enrollment or other administrative reasons.

PRE ADVANCED PLACEMENT CLASSES	ADVANCED PLACEMENT CLASSES
Pre-AP English 1	AP ENGLISH III LANGUAGE & COMPOSITION
Pre-AP English 2	AP ENGLISH IV LITERATURE & COMPOSITION
Pre-AP Algebra 1	AP CALCULUS AB
Pre-AP Algebra 2	AP STATISTICS
Pre-AP Biology	AP BIOLOGY II
Pre-AP Chemistry	AP ENVIRONMENTAL SCIENCE
	AP HUMAN GEOGRAPHY
	AP WORLD HISTORY STUDIES
ADVANCED PLACEMENT CLASSES	
AP STUDIO ART 2-D	AP U.S. HISTORY SINCE 1887
AP STUDIO ART 3-D	AP GOVERNMENT
AP ART HISTORY	AP MICROECONOMICS AP
AP SPANISH IV	
AP SPANISH V – LITERATURE	

# DUAL CREDIT/ON-RAMPS/DUAL LANGUAGE

## DUAL CREDIT

Eastwood High School students through an agreement between YISD and El Paso Community College are able to complete classes in a dual credit environment. Prior to enrolling in a dual credit class, the student must have successfully earned a qualifying score on the TSI Exam, enroll at El Paso Community College, and satisfy all prerequisites. Ten weighted points shall be added to the final course grade if the course average is 80 percent or higher.

- DUAL CREDIT ENGLISH III
- Dual Credit ENGLISH IV
- COLLEGE TRANSITION
- DUAL CREDIT PRE-CALCULUS
- DUAL CREDIT BIOLOGY
- DUAL CREDIT U.S. HISTORY
- DUAL CREDIT U.S. GOVERNMENT
- DUAL CREDIT ART APPRECIATION
- DUAL CREDIT PSYCHOLOGY
- DUAL CREDIT SPEECH

## DUAL ENROLLMENT (ONRAMPS)

OnRamps is an innovative dual-enrollment program coordinated by The University of Texas at Austin. OnRamps works through a dual-enrollment model. Using a hybrid delivery approach, students meet rigorous university-level college readiness standards and have the opportunity to earn UT Austin credit from a UT faculty member and high school credit from their local teacher. Students receive separate grades – one for college credit and one for high school credit. All OnRamps courses can be applied to the Texas Common Core and are guaranteed to transfer to any public institution in Texas. Students will not be charged tuition.

- Chemistry
- Physics
- Pre-Calculus

## DUAL LANGUAGE

Eastwood High School adheres to the YISD Dual Language program and policy, which is based on Texas House Bill 5 legislation. For more information on the Dual Language program, please refer to the YISD ALPS Office at 915-434-0760.

- ALGEBRA II DUAL LANGUAGE
- GEOMETRY DUAL LANGUAGE
- PRECALCULUS DUAL LANGUAGE
- CHEMISTRY DUAL LANGUAGE
- BIM I DUAL LANGUAGE

# English and Language Arts

ENGLISH I-Grade Level: 9 Course #: E1110 Prerequisite: None Credits: 1 English

The English language arts and reading Texas Essential Knowledge and Skills (TEKS) embody the interconnected nature of listening, speaking, reading, writing, and thinking through the seven integrated strands of developing and sustaining foundational language skills; comprehension; response; multiple genres; author's purpose and craft; composition; and inquiry and research. The strands focus on academic oracy (proficiency in oral expression and comprehension), authentic reading, and reflective writing to ensure a literate Texas. The strands are integrated and progressive with students continuing to develop knowledge and skills with increased complexity and nuance in order to think critically and adapt to the ever-evolving nature of language and literacy. Students should read on a daily basis.

**PRE-AP PLACEMENT ENGLISH I**-Grade Level: 9 Course #: E1610 Prerequisite: Passed 8th Grade EOC Reading Credits: 1 English

The English language arts and reading Texas Essential Knowledge and Skills (TEKS) embody the interconnected nature of listening, speaking, reading, writing, and thinking through the seven integrated strands of developing and sustaining foundational language skills; comprehension; response; multiple genres; author's purpose and craft; composition; and inquiry and research. The strands focus on academic oracy (proficiency in oral expression and comprehension), authentic reading, and reflective writing to ensure a literate Texas. The strands are integrated and progressive with students continuing to develop knowledge and skills with increased complexity and nuance in order to think critically and adapt to the ever-evolving nature of language and literacy. Students should read on a daily basis. Students and parents will be responsible for signing a contract for this course. This is a fast-paced class that also requires summer reading and outside reading throughout the year, including holiday breaks. Contract required to stay in the class.

ENGLISH I SOL-Grade Level: 9 Course #: E1130 Prerequisite: Test Placement Credits: 1 English

Emphasis on English Language Arts and Reading TEKS as part of the English I graduation requirement. Emergent Bilinguals are expected to meet standards in a second language that many monolingual English speakers find difficult to meet in their native language. In addition, Emergent Bilinguals are acquiring English at the same time they are learning content in English. Emergent Bilinguals' abilities to meet these standards will be influenced by their proficiency in English. While Emergent Bilinguals can analyze, synthesize, and evaluate, their level of English proficiency may impede their ability to demonstrate this knowledge during the initial stages of English language acquisition. For this reason, comprehension of text requires additional scaffolds that include adapted text (e.g., appropriate for student proficiency level; sheltered instruction strategies), pictures, realia, glossaries, bilingual dictionaries, thesaurus, and other modes of comprehensible input.

ENGLISH II-Grade Level: 10 Course #: E2110 Prerequisite: English I Credits: 1 English

The English language arts and reading Texas Essential Knowledge and Skills (TEKS) embody the interconnected nature of listening, speaking, reading, writing, and thinking through the seven integrated strands of developing and sustaining foundational language skills; comprehension; response; multiple genres; author's purpose and craft; composition; and inquiry and research. The strands focus on academic oracy (proficiency in oral expression and comprehension), authentic reading, and reflective writing to ensure a literate Texas. The strands are integrated and progressive with students continuing to develop knowledge and skills with increased complexity and nuance in order to think critically and adapt to the ever-evolving nature of language and literacy. Students should read on a daily basis.

**PRE-AP PLACEMENT ENGLISH II** Grade Level: 10 Course #: E2610 Prerequisite: English I & Must satisfactorily meet Pre-AP rubric requirements Credits: 1

The English language arts and reading Texas Essential Knowledge and Skills (TEKS) embody the interconnected nature of listening, speaking, reading, writing, and thinking through the seven integrated strands of developing and sustaining foundational language skills; comprehension; response; multiple genres; author's purpose and craft; composition; and inquiry and research. The strands focus on academic oracy (proficiency in oral expression and comprehension), authentic reading, and reflective writing to ensure a literate Texas. The strands are integrated and progressive with students continuing to develop knowledge and skills with increased complexity and nuance in order to think critically and adapt to the ever-evolving nature of language and literacy. Students and parents will be responsible for signing a contract for this course. This is a fast-paced class that also requires summer reading and outside reading throughout the year, including holiday breaks. Contract required to stay in the class. Students must meet deadlines as indicated in the syllabus.

ENGLISH II SOL Grade Level: 10 Course #: E2130 Prerequisite: English SOL I Credits: 1 English

Emphasis on English Language Arts and Reading TEKS as part of the English II graduation requirement. Emergent Bilinguals are expected to meet standards in a second language that many monolingual English speakers find difficult to meet in their native language. In addition, Emergent Bilinguals are acquiring English at the same time they are learning content in English. Emergent Bilinguals' abilities to meet these standards will be influenced by their proficiency in English. While Emergent Bilinguals can analyze, synthesize, and evaluate, their level of English proficiency may impede their ability to demonstrate this knowledge during the initial stages of English language acquisition. For this reason, comprehension of text requires additional scaffolds that include adapted text (e.g., appropriate for student proficiency level; translations), pictures, realia, glossaries, bilingual dictionaries, thesaurus, and other modes of comprehensible input.

ENGLISH III Grade Level: 11 Course #: E3110 Prerequisite: English II Credits: 1

The English language arts and reading Texas Essential Knowledge and Skills (TEKS) embody the interconnected nature of listening, speaking, reading, writing, and thinking through the seven integrated strands of developing and sustaining foundational language skills; comprehension; response; multiple genres; author's purpose and craft; composition; and inquiry and research. The strands focus on academic oracy (proficiency in oral expression and comprehension), authentic reading, and reflective writing to ensure a literate Texas. The strands are integrated and progressive with students continuing to develop knowledge and skills with increased complexity and nuance in order to think critically and adapt to the ever-evolving nature of language and literacy. Students should read on a daily basis.

**ADVANCED PLACEMENT ENGLISH III LANGUAGE & COMPOSITION** Grade Level: 11 Course #: E3630 Prerequisite: English II & Acceptance into AP Program Credits: 1 English

This is a challenging course that encompasses an in-depth study of major American literary periods from 1600-1890 and incorporates the study of tone, rhetoric, diction, imagery, language, and syntax. Students produce comparison-contrast compositions, dialectical journals, and critical, literary, and rhetorical analysis. Timed writings in preparation for the AP English Language and Composition test are also practiced. Part 2 is a continuation of American literature from 1890 to the present. This course emphasizes multicultural 20th century literature and includes the study of rhetoric, diction, imagery, language, and syntax. Students' study and produce critical and rhetorical analyses, discussion logs, and research-based essays. Students prepare for the AP English Language and Composition exam. Students and parents will be responsible for signing a contract for this course. This is a fast-paced class that also requires summer reading and outside reading throughout the year, including holiday breaks. Contract required to stay in the class. No semester average in this class. Students will take the College Board AP Exam in May and are responsible for paying the exam fee by November 1st. Students must meet deadlines as indicated in the syllabus.

**DUAL CREDIT ENGLISH/ENGLISH III EPCC-ENGL 1301/1302** Grade Level: 11 Course #: E4650 Prerequisite: Acceptance in Dual Credit Program, must pass Accuplacer and English II Credits: 1 English

The English Language Arts and Reading Texas Essential Knowledge and Skills (TEKS) are organized into the following strands: Reading, where students read and understand a wide variety of literary and informational texts; Writing, where students compose a variety of written texts with a clear controlling idea, coherent organization, and sufficient detail; Research, where students are expected to know how to locate a range of relevant sources and evaluate, synthesize, and present ideas and information; Listening and Speaking, where students listen and respond to the ideas of others while contributing their own ideas in conversations and in groups; and Oral and Written Conventions, where students learn how to use the oral and written conventions of the English language in speaking and writing. The standards are cumulative--students will continue to address earlier standards as needed while they attend to standards for their grade. 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 daily. Students must qualify for early enrollment into El Paso Community College. High school English III credit & college credit for English 1301 and 1302 will be earned. Must pass 1301 with a 70 or higher to continue to 1302. This is a fast-paced class that also requires summer reading and outside reading throughout the year, including holiday breaks. Contract required to stay in the class. Students must meet deadlines as indicated in the syllabus.

ENGLISH IV Grade Level: 12 Course #: E4110 Prerequisite: English III Credits: 1 English

The English language arts and reading Texas Essential Knowledge and Skills (TEKS) embody the interconnected nature of listening, speaking, reading, writing, and thinking through the seven integrated strands of developing and sustaining foundational language skills; comprehension; response; multiple genres; author's purpose and craft; composition; and inquiry and research. The strands focus on academic oracy (proficiency in oral expression and comprehension), authentic reading, and reflective writing to ensure a literate Texas. The strands are integrated and progressive with students continuing to develop knowledge and skills with increased complexity and nuance in order to think critically and adapt to the ever-evolving nature of language and literacy. Students should read on a daily basis.

**ADVANCED PLACEMENT ENGLISH IV LITERATURE & COMPOSITION** Grade Level: 12 Course #: E4630  
Prerequisite: Acceptance into AP Program & English III Credits: 1 English

This is a college level class to prepare students to take the Advanced Placement Exam for English Literature and Composition. Students read and analyze complex literature to explore how an author's stylistic elements develop meaning. In preparation for the exam, students are expected to produce written and oral responses under time constraints. Students and parents will be responsible for signing a contract for this course. This is a fast-paced class that also requires summer reading and outside reading throughout the year, including holiday breaks. Contract required to stay in the class. No semester average in this class. Students will take the College Board AP Exam in May and are responsible for paying the exam fee by November 1st.

**DUAL CREDIT ENGLISH/ENGLISH IV EPCC-ENGL 2322** Grade Level: 12 Course #: E4655 Prerequisite: Acceptance in Dual Credit Program, EPCC English 1301, English 1302 Credits: ½ English

The English Language Arts and Reading Texas Essential Knowledge and Skills (TEKS) are organized into the following strands: Reading, where students read and understand a wide variety of literary and informational texts; Writing, where students compose a variety of written texts with a clear controlling idea, coherent organization, and sufficient detail; Research, where students are expected to know how to locate a range of relevant sources and evaluate, synthesize, and present ideas and information; Listening and Speaking, where students listen and respond to the ideas of others while contributing their own ideas in conversations and in groups; and Oral and Written Conventions, where students learn how to use the oral and written conventions of the English language in speaking and writing. The standards are cumulative--students will continue to address earlier standards as needed while they attend to standards for their grade. 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 daily. Students must qualify for early enrollment into El Paso Community College. High school English III credit & college credit for English 1301 and 1302 will be earned. Must pass 1301 with a 70 or higher to continue to 1302. This is a fast-paced class that also requires summer reading and outside reading throughout the year, including holiday breaks. Contract required to stay in the class. Students must meet deadlines as indicated in the syllabus.

COLLEGE PREPARATORY COURSE ENGLISH LANGUAGE ARTS (CPELA) Grade Level: 12 Course #: C9720  
Prerequisite: English III Credits: 1 English

ELA College Preparatory Course is designed to improve integrated critical reading and writing skills through engagement with a variety of texts across content areas and genres. Students will be able to develop and express ideas clearly and effectively to communicate with various audiences for a variety of purposes and occasions. ELA College Preparatory Course is not offered for dual credit and is not offered for STAAR EOC remediation.

[CREATIVE WRITING Grade Level: 10-12 Course #: E8990 Prerequisite: None Credits: 1 Elective](#)

Creative and Imaginative Writing, a rigorous composition course, asks high school students to demonstrate their skill in such forms of writing as essays, 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 student's evaluation of his/her own writing as well as the writing of others ensures that students completing this course can analyze and discuss published and unpublished pieces of writing, develop and apply criteria for effective writing, and set their own goals as writers. For high school students whose first language is not English, the students' native language serves as a foundation for English language acquisition and language learning. Does not count as an English credit.

[ADVANCED JOURNALISM -LITERARY MAGAZINE I Grade Level: 11-12 Course #: J1110 Prerequisite: Teacher Approval Credits: 1 Elective](#)

Students enrolled in Literary Magazine will solicit written and artistic materials from the students and staff of EHS. Students will communicate in a variety of forms with a variety of audiences by planning, drafting, and creating written or visual communications. Students will plan, research self-selected topics and organize and produce a magazine that is published once per year. Does not count as an English credit.

# Mathematics

ALGEBRA I Grade Level: 9 Course #: M1010 Prerequisite: None Credits: 1 Math

A preparatory course that places an emphasis on the systematic development of the language through which most of mathematics is communicated. This course provides the mathematical understanding of functions and the ability to operate with concepts at an abstract level and apply them through the process standards to real life application fostering generalizations of concepts. Concepts covered are linear functions and equations; quadratic functions and equations; exponential functions and equations; inequalities, algebraic manipulations with operations on real numbers and polynomials. Students use multiple representations (pictorial, numerical, symbolic, graphical, and verbal), tools and technology (including calculators with graphing capabilities). Successful completion of this sequence prepares students for Algebra II or Geometry.

**PRE AP ALGEBRA I** Grade Level: 9 Course #: M1610 Prerequisite: Must satisfactorily meet Pre-AP rubric requirements Credits: 1 Math

For students who did exceptionally well in 8th grade mathematics. Course content covers the course topics in Algebra I in greater depth and at a faster pace, thus providing time for enrichment. Successful completion of this course prepares students for entry into Geometry Pre AP/Algebra II Pre AP.

ALGEBRA II Grade Level: 9-10 Course #: M2010 Prerequisite: Algebra I Credits: 1 Math

This course is the study of functions and an extension of the concepts of Algebra I. Topics covered: attributes of functions and their inverses, linear functions and equations, quadratic and square root functions, equations and inequalities, exponential and logarithmic functions and equations, cubic, cube root, absolute value and rational functions, equations, and inequalities, polynomial expressions, and statistics. Students use multiple representations (pictorial, numerical, symbolic, graphical, and verbal), tools and technology (including calculators with graphing capabilities). Satisfactory completion of this course prepares students for entry into Pre-Calculus.

ALGEBRA II DUAL LANGUAGE Grade Level: 9-11 Course #: M2410 Prerequisite: Must be in Dual Language Program, Algebra I Credits: 1 Math

This course is the study of functions and an extension of the concepts of Algebra I. Topics covered: attributes of functions and their inverses, quadratic and square root functions, equations and inequalities, exponential and logarithmic functions and equations, cubic, cube root, absolute value and rational functions, equations, and inequalities, polynomial expressions, and statistics. Students use multiple representations (pictorial, numerical, symbolic, graphical, and verbal), tools and technology (including calculators with graphing capabilities). This course is taught entirely in Spanish and is open to Dual Language Program participants. Course may be appropriate to recent immigrants as determined by LPAC. Satisfactory completion of this course prepares students for entry into Pre-Calculus.

**PRE AP ALGEBRA II** Grade Level: 9-10 Course #: M2610 Prerequisite: Algebra I Credits: 1 Math

This course provides rigorous preparation for PRE-AP Pre-Calculus. This course places an emphasis on algebraic proof and provides an enriched version of Algebra II through the study of additional objectives and topics. Successful completion of this course prepares students for entry into Pre-Calculus Pre-AP.

GEOMETRY Grade Level: 10-11 Course #: M3030 Prerequisite: Algebra I & Algebra II Credits: 1 Math

A survey of the fundamental and advanced concepts of plane geometry and the related topics in three-dimensional geometry, coordinate geometry and transformational geometry. The course begins with necessary introductory vocabulary and continues with algebraic and geometric proofs based on an axiomatic system. Applications of the theorems are inter-mixed to help the student grasp an understanding of how geometry is used in different careers and everyday life. Algebra is utilized extensively in this course. Successful completion of this course prepares a student for further work in Algebra II.

GEOMETRY DUAL LANGUAGE Grade Level: 10-11 Course #: M3070 OPEN TO STUDENTS WHO WANT TO BE A PART OF THE PROGRAM & Algebra & Algebra II Credits: 1 Math

For 9th grade students who have completed Algebra I in the 8th grade or Algebra I Pre AP in the 9th grade with a final grade of "B" or better. Topics found in Standard Geometry are covered more in-depth with emphasis placed on problem solving, writing skills (especially written proofs), and algebraic applications. Additional enrichment objectives are covered. This course is taught entirely in Spanish and is open to Dual Language Program participants. Course may be appropriate to recent immigrants as determined by LPAC.

**PRE-AP GEOMETRY** Grade Level: 10-11 Course #: M3610 Prerequisite: Must satisfactorily meet Pre-AP rubric requirements & Algebra I and Algebra II Credits: 1 Math

For 9th grade students who have completed Algebra I in the 8th grade or Algebra I Pre AP in the 9th grade with final grade of "B" or better. Topics found in Standard Geometry are covered more in-depth with emphasis placed on problem solving, writing skills (especially written proofs), and algebraic applications. Additional enrichment objectives are covered. Successful completion of this course prepares a student for further work in Algebra II Pre-AP.

PRECALCULUS Grade Level: 11-12 Course #: M5010 Prerequisite: Algebra I, Geometry & Algebra II Credits: 1 Math

Students use symbolic reasoning and analytical methods to represent mathematical situations, to express generalizations, and to study mathematical concepts and the relationships among them. Students use functions, equations, and limits as useful tools for expressing generalizations and as means for analyzing and understanding a broad variety of mathematical relationships. Students also use functions as well as symbolic reasoning to represent and connect ideas in geometry, probability, statistics, trigonometry, and calculus and to model physical situations. Students use a variety of representations (concrete, pictorial, numerical, symbolic, graphical, and verbal), tools, and technology (including, but not limited to, calculators with graphing capabilities, data collection devices, and computers) to model functions and equations and solve real-life problems.

PRE-CALCULUS (OnRamps) Grade Level: 10-12 Course #: M5080 Prerequisite: Algebra I, II, Geometry Credits: 1 Math

Students will deepen and extend their knowledge of functions, graphs, and equations from their high school algebra and geometry courses so they can successfully work with the concepts in a rigorous university-level calculus course. This course is designed with an emphasis on unpacking mathematical definitions and making logical arguments to their peers. Units consist of: functions and patterns exploring the definition and properties of functions in a tabular, analytical, and graphical manner, Algebra and geometry, exploring conics from their definitions, modeling with matrices, and understanding functions, trigonometry, exploring the conceptual transformation from right triangles to identities to circles to graphs to rotational motion, rates of change and limits, qualitative introduction to differential calculus by exploring limits and rates and sequences and series, understanding and applying sequences and series to the concept of convergence, binomial theorem and induction. NOTE: THIS COURSE WILL BE CONSIDERED A REPEAT ON THE STUDENT TRANSCRIPT IF A PRE-CALCULUS COURSE WITH THE SAME PEIMS NUMBER WAS PREVIOUSLY TAKEN AND PASSED.

PRECALCULUS DUAL LANGUAGE Grade Level: 11-12 Course #: M5050 Prerequisite: OPEN TO STUDENTS WHO WANT TO BE A PART OF THE PROGRAM, Algebra I, Algebra II, Geometry Credits: 1 Math

Students use symbolic reasoning and analytical methods to represent mathematical situations, to express generalizations, and to study mathematical concepts and the relationships among them. Students use functions, equations, and limits as useful tools for expressing generalizations and as means for analyzing and understanding a broad variety of mathematical relationships. Students also use functions as well as symbolic reasoning to represent and connect ideas in geometry, probability, statistics, trigonometry, and calculus and to model physical situations. Students use a variety of representations (concrete, pictorial, numerical, symbolic, graphical, and verbal), tools, and technology (including, but not limited to, calculators with graphing capabilities, data collection devices, and computers) to model functions and equations and solve real-life problems. This course is taught entirely in Spanish and is open to Dual Language Program participants. Course may be appropriate to recent immigrants as determined by LPAC.

ADV PRECALCULUS Grade Level: 11-12 Course #: M5030 Prerequisite: Must satisfactorily meet Pre-AP rubric requirements, Algebra I, Geometry & Algebra II Credits: 1 Math Students use symbolic reasoning and analytical methods to represent mathematical situations, to express generalizations, and to study mathematical concepts and the relationships among them. Students use functions, equations, and limits as useful tools for expressing generalizations and as means for analyzing and understanding a broad variety of mathematical relationships. Students also use functions as well as symbolic reasoning to represent and connect ideas in geometry, probability, statistics, trigonometry, and calculus and to model physical situations. Students use a variety of representations (concrete, pictorial, numerical, symbolic, graphical, and verbal), tools, and technology (including, but not limited to, calculators with graphing capabilities, data collection devices, and computers) to model functions and equations and solve real-life problems.

DUAL CREDIT PRE-CALCULUS EPCC-MATH 1314/MATH 2412 Grade Level: 11-12 Course #: M5090 Prerequisite: Must satisfactorily Algebra I, Geometry & Algebra II Credits: 1 Math

The first semester of this course provides an in-depth study and applications of polynomial, rational, radical, exponential, and logarithmic functions, and systems of equations using matrices. Additional topics such as sequences, series, probability, and conics may be included. The second semester of this course studies trigonometry, trigonometric form of complex numbers, vectors, sequences, series, mathematical induction, conic sections, polar coordinates, and probability. Students use a variety of representations (concrete, pictorial, numerical, symbolic, graphical, and verbal), tools to model functions and equations and solve real-life problems. Students must attend and complete a one-hour lab per week. This course is fast paced; it follows the expectations and calendar that EPCC has set. Students must qualify for early enrollment into El Paso Community College. High school Precalculus credit & college credit for MATH 1314 and 2412 will be earned. Must pass MATH 1314 with a 70 or higher to continue to MATH 2412. Students must meet deadlines as indicated in the syllabus.

**ADVANCED PLACEMENT CALCULUS AB** Grade Level: 12 Course #: M5600 Prerequisite: Acceptance into AP Program & Precalculus Credits: 1 Math

Before studying calculus, students must be familiar with the properties of functions, the algebra of functions, and the graphs of functions. These functions include those that are linear, polynomial, rational, exponential, logarithmic, trigonometric, inverse trigonometric, and piecewise defined. Students must be familiar with the properties of functions, the algebra of functions, and the graphs of functions. Students must also understand the language of functions (domain and range, odd and even, periodic, symmetry, zeros, intercepts, and so on) and know the values of the trigonometric functions of the numbers 0,  $\pi/6$ ,  $\pi/4$ ,  $\pi/3$ ,  $\pi/2$ , and their multiples. A course devoted mainly to topics in differential and integral calculus. Students who are enrolled in this course will be prepared to take the Advanced Placement AB Calculus Exam and seek college credit and/or placement from institutions of higher learning. The scope of the course follows the topics listed in the College Board Advanced Placement Mathematics Course Description. Contract required to stay in the class. No semester average in this class. Students will take the College Board AP Exam in May and are responsible for paying the exam fee by November 1st.

**ADVANCED PLACEMENT STATISTICS** Grade Level: 11-12 Course #: M3480 Prerequisite: Acceptance into AP Program & Algebra I, Algebra II, Geometry Credits: 1 Math

This course covers four major themes: exploratory analysis, planning a study, portability and statistical inference. Exploratory analysis of data makes use of graphical and numerical techniques to study patterns and departure from patterns. Data will be collected according to a well-developed plan. Probability is the tool used for anticipating how the distribution of data should look under a given model. Statistical inference guides the selection of appropriate models. All concepts and skills described in the College Board course description will be covered. It is recommended that students take the AP exam. Contract required to stay in the class. No semester average in this class. Students will take the College Board AP Exam in May and are responsible for paying the exam fee by November 1st.

**COLLEGE PREPARATORY COURSE MATHEMATICS (CPMAT)** Grade Level: 12 Course #: C9710 Prerequisite: Algebra I, Algebra II, Geometry Credits: 1 Math

Mathematics College Preparatory Course is intended to prepare students to successfully complete entry-level college work. Students in this course will study relations and functions, inequalities as well as algebraic expressions and equations. Expressions and equations will include absolute value, polynomial, radical and rational, with an emphasis on linear and quadratic. Mathematics College Preparatory Course is not offered for dual credit and is not offered for STAAR EOC remediation.

# Science

**BIOLOGY** Grade Level: 9-10 Course #: S1110 Prerequisite: None Credits: 1 Science

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 in Biology study a variety of topics that include: structures and functions of cells and viruses; growth and development of organisms; cells, tissues, and organs; nucleic acids and genetics; biological evolution; taxonomy; metabolism and energy transfers in living organisms; living systems; homeostasis; and ecosystems and the environment.

**PRE AP-BIOLOGY** Grade Level: 9 Course #: S1610 Prerequisite: Must satisfactorily meet Pre-AP rubric requirements Credits: 1 Science

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 in biology study a variety of topics that include; structures and functions of cells and viruses; growth and development of organisms; cells, tissues, and organs; nucleic acids and genetics; biological evolution; taxonomy; metabolism and energy transfers in living organisms; living systems; homeostasis, and ecosystems and the environment

**AP BIOLOGY II** Grade Level: 11-12 Course #: S2610 Prerequisite: Acceptance into AP Program, Biology I & Chemistry I Credits: 1 Science

AP Biology is designed to be the equivalent of a college introductory biology course. The following themes are presented: molecules and cells, cell structure and function, cell cycle, cell energetic, heredity and molecular genetics. It also involves the study of evolutionary biology, diversity of organisms, structure and function of both plants and animals, and ecological systems. Students will take the AP exam. Contract required to stay in the class. No semester averaging in this class. Students will take the College Board AP Exam in May and are responsible for paying the exam fee by November 1st.

**BIOLOGY 4TH YEAR DUAL CREDIT** Grade Level: 12 Prerequisite: Must be accepted in Dual Credit Program One credit of high school science Biology Dual Credit EPCC BIOL 1306/1307 Course #: S5170 Credits: 1 Science **BIOLOGY 4TH YEAR LAB DUAL CREDIT EPCC**

Grade Level: 12 Prerequisite: Must be accepted in DC Program and concurrently enrolled in corresponding Biology DC 4th year Lab required as part of 4th year science Biology Dual Credit by El Paso Community College. Course #: S5170L Credits: 0 Science

CHEMISTRY Grade Level: 10 Prerequisite: One unit of high school science and Algebra I Course #: S1210 Credits: 1 Science

In chemistry, 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 characteristics of matter, use of the periodic table, development of atomic theory and chemical bonding, chemical stoichiometry, gas laws, solution chemistry, thermochemistry, and nuclear chemistry. Students will investigate how chemistry is an integral part of our daily lives.

CHEMISTRY I (OnRamps) Grade level: 10-12 Course #: S1215 Prerequisite Required: Students must have met college readiness requirements and Algebra I. Credits: 1 Science

The Principles of Chemistry I course addresses the nature of matter, energy, chemical reactions, and chemical thermodynamics. The course reviews descriptive chemistry of matter in the natural world as well as compositional and reaction stoichiometry of chemical compounds. Throughout the course, students learn to think like scientists by exploring the underlying theoretical foundations of chemistry, making intuitive arguments for how the world works, and supporting those arguments with quantitative measures. Built with an intention to engage students from a variety of backgrounds, students in the course will learn how to successfully study science by organizing their learning around mastery and ownership of materials. Introduction to Chemical Practices I – the course's lab component – provides an introduction to the techniques of modern experimental chemistry and is designed to instill basic laboratory and analytical skills. NOTE: THIS COURSE WILL BE CONSIDERED A REPEAT ON THE STUDENT TRANSCRIPT IF A CHEMISTRY COURSE WITH THE SAME PEIMS NUMBER WAS PREVIOUSLY TAKEN AND PASSED.

CHEMISTRY DUAL LANGUAGE Grade Level: 10-12 Course #: S1270 Prerequisite: Dual Language participant and Spanish 4AP & one unit of high school science and Algebra I Credits: 1 Science

In Chemistry, 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 characteristics of matter, use of the Periodic Table of Elements, development of atomic theory and chemical bonding, chemical stoichiometry, gas laws, solution chemistry, thermochemistry, and nuclear chemistry. Students will investigate how chemistry is an integral part of our daily lives. This course is taught entirely in Spanish and is open to Dual Language Program participants. Course may be appropriate for recent immigrants as determined by LPAC.

**PRE AP-CHEMISTRY** Grade Level: 10 Course #: S1650 Prerequisite: Must satisfactorily meet Pre-AP rubric requirements, one unit of high school science and Algebra I. Credits: 1 Science

In chemistry, 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 characteristics of matter, use of the periodic table, development of atomic theory and chemical bonding, chemical stoichiometry, gas laws, solution chemistry, thermochemistry, and nuclear chemistry. Students will investigate how chemistry is an integral part of our daily lives.

PHYSICS Grade Level: 11-12 Course #: S1310 Prerequisite: Algebra I Credits: 1 Science

In Physics, 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 laws of motion; changes within physical systems and conservation of energy and momentum; forces; thermodynamics; characteristics and behavior of waves; and atomic, nuclear, and quantum physics. Students who successfully complete Physics will acquire factual knowledge within a conceptual framework, practice experimental design and interpretation, work collaboratively with colleagues, and develop critical thinking skills.

PHYSICS I (OnRamps) Grade level: 11-12 Course #: S1740 Prerequisite: Students must have met college readiness requirements and Algebra I. Credits: 1 Science

This Mechanics, Heat, and Sound introduces big ideas in physics, such as Newtonian mechanics (including motion, force, energy, and rotation), as well as solid and fluid mechanics, oscillations, waves, sound, and heat. Taken together, the topics reinforce the general idea that the behavior of many systems in the world can be described precisely with simple mathematics. This is an algebra-based (non-calculus) course in mechanics that fulfills a general physics requirement. Proficiency in algebra and geometry is assumed. This course lays the conceptual groundwork for STEM majors. Students will experience a high-quality curriculum designed by the faculty at the University of Texas at Austin (UT Austin). Students can earn up to four hours of UT Austin credit, with feedback and assessment provided by UT Austin course staff. General Physics Laboratory I – the course's lab component – engages students in both guided and open inquiry investigations of physical principles. It is designed to instill foundational scientific reasoning, data collection, and analytical skills. NOTE: THIS COURSE WILL BE CONSIDERED A REPEAT ON THE STUDENT TRANSCRIPT IF A PHYSICS COURSE WITH THE SAME PEIMS NUMBER WAS PREVIOUSLY TAKEN AND PASSED.

**ADVANCED PLACEMENT PHYSICS I** Grade Level: 11-12 Course #: S1710 Prerequisite: Must be accepted in AP Program, Physics I, Algebra I & II, Geometry Credits: 1 Science

This course is designed to be the equivalent of a first-semester college course in algebra-based physics. This advanced science course covers topics in Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical

waves and sound; introduction to electric circuits. Contract required to stay in the class. No semester average in this class. Students will take the College Board AP Exam in May and are responsible for paying the exam fee by November 1st.

**ADVANCED PLACEMENT PHYSICS II** Grade Level: 12 Course #: S2580 Prerequisite: Must be accepted in AP Program, Physics I, Algebra I & II, Geometry Credits: 1 Science

In addition to a fundamental understanding of physics, students must meet the content requirements prescribed by the College Board. Five general areas are covered which include Newtonian mechanics, fluid mechanics and thermal physics, electricity and magnetism, waves and optics, and atomic and nuclear physics. Contract required to stay in the class. No semester average in this class. Students will take the College Board AP Exam in May and are responsible for paying the exam fee by November 1st.

EARTH AND SPACE SCIENCE Grade Level: 11-12 Course #: S6010 Prerequisite: One year of high school science Credits: 1 Science

Earth and space science 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. Science, as defined by the National Academy of Sciences, is the "use of evidence to construct testable explanations and predictions of natural phenomena, as well as the knowledge generated through this process." This vast body of changing and increasing knowledge is described by physical, mathematical, and conceptual models. Students should know that some questions are outside the realm of science because they deal with phenomena that are not scientifically testable.

ENVIRONMENTAL SYSTEMS Grade Level: 11-12 Course #: S0170 Prerequisite: One year of high school science Credits: 1 Science

In environmental systems, students conduct field and laboratory 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.

**AP ENVIRONMENTAL SCIENCE** Grade Level: 12 Course #: S0150 Prerequisite: Must be accepted into AP Program, Algebra I, Biology, Chemistry Credits: 1 Science

The AP Environmental Science course provides students 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 or preventing them. As a rigorous science course, it stresses scientific principles and analysis through laboratory and field investigations. Contract required to stay in the class. No semester average in this class. Students will take the College Board AP Exam in May and are responsible for paying the exam fee by November 1st.

ANATOMY AND PHYSIOLOGY HEALTH SCIENCE Grade Level: 11-12 Course #: V160H Prerequisite: Biology and Chemistry Credits: 1 Science

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

FORENSIC SCIENCE Grade Level: 12 Course #: V160L Prerequisite: Biology and Chemistry Credits: 1 Science

Forensic science is a course that uses a structured and scientific approach to the investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, homicide, and the psychology of criminal behavior. Students will learn terminology and investigative procedures related to crime scenes, questioning, interviewing, criminal behavior characteristics, truth detection, and scientific procedures used to solve crimes. Using scientific methods, students will collect and analyze evidence through case studies and simulated crime scenes such as fingerprint analysis, ballistics, and blood spatter analysis. Students will learn the history, legal aspects, and career options for forensic science.

# Social Studies

WORLD GEOGRAPHY STUDIES Grade Level: 9 Course #: H2110 Prerequisite: None Credits: 1 Social Studies

Students in World Geography Studies examine people, places, and environments at local, regional, national, and international scales from the spatial and ecological perspectives of geography. Students describe the influence of geography on events of the past and present with emphasis on contemporary issues. A significant portion of the course centers around the physical processes that shape patterns in the physical environment; the characteristics of major landforms, climates, and ecosystems and their interrelationships; the political, economic, and social processes that shape cultural patterns of regions; types and patterns of settlement; the distribution and movement of the world population; relationships among people, places, and environments; and the concept of region.

**ADVANCED PLACEMENT HUMAN GEOGRAPHY** Grade Level: 9 Course #: H3670 Prerequisite: Acceptance into AP Program Credits: 1 Social Studies

AP Human Geography 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 human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice.

Contract required to stay in the class. No semester average in this class. Students will take the College Board AP Exam in May and are responsible for paying the exam fee by November 1st.

WORLD HISTORY STUDIES Grade Level: 10 Course #: H3110 Prerequisite: None Credits: 1 Social Studies

World History Studies is a survey of the history of humankind. Due to the expanse of world history and the time limitations of the school year, the scope of this course should focus on "essential" concepts and skills that can be applied to various eras, events, and people. The major emphasis is on the study of significant people, events, and issues from the earliest times to the present. Traditional historical points of reference in world history are identified as students analyze important events and issues in western civilization as well as in civilizations in other parts of the world.

**ADVANCED PLACEMENT WORLD HISTORY STUDIES** Grade Level: 10 Course #: H3610 Prerequisite: Acceptance into AP Program Credits: 1 Social Studies

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. The course gives students five themes to explore in order to make connections among historical developments in different times and places. Contract required to stay in the class. No semester average in this class. Students will take the College Board AP Exam in May and are responsible for paying the exam fee by November 1st.

U.S. HISTORY SINCE 1887 Grade Level: 11 Course #: H1110 Prerequisite: None Credits: 1 Social Studies

United States History Studies Since 1877 is the second part of a two-year study that begins in Grade 8. Students study the history of the United States from 1877 to the present. The course content is based on the founding documents of the U.S. government, which provide a framework for its heritage. Historical content focuses on political, economic, and social events and issues related to industrialization and urbanization, major wars, domestic and foreign policies, and reform movements, including civil rights.

H1675 U.S. HISTORY SINCE 1877 DUAL CREDIT EPCC HIST 1301/1302 Grade Level: 11 Course #: H1675 Prerequisite: Acceptance into Dual Credit program Credits: 1 Social Studies

A survey of the social, political, economic, cultural, and intellectual history of the United States from the pre-Columbian era to the Civil War/Reconstruction eras. United States History II examines industrialization, immigration, world wars, the Great Depression, Cold War and post-Cold War eras.

**ADVANCED PLACEMENT U.S. HISTORY** Grade Level: 11 Course #: H1610 Prerequisite: Acceptance into AP Program Credits: 1 Social Studies

In AP U.S. History, students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills, practices, and methods employed by historians. The course also gives students seven themes to explore throughout the course in order to make connections among historical developments in different times and places. Contract required to stay in the class. No semester average in this class. Students will take the College Board AP Exam in May and are responsible for paying the exam fee by November 1st.

U.S. GOVERNMENT Grade Level: 11-12 Course #: H4110 Prerequisite: None  
Credits: ½ Social Studies

The focus of the United States Government course is on the principles and beliefs upon which the United States was founded and, on the structure, functions, and powers of government at the national, state, and local levels. This course is the culmination of the civic and governmental content and concepts studied from kindergarten through required secondary courses. Students learn major political ideas and forms of government in history. A significant focus of the course is on the U.S. Constitution, its underlying principles and ideas, and the form of government it created.

**ADVANCED PLACEMENT U.S. GOVERNMENT** Grade Level: 11-12 Course #: H4710  
Prerequisite: Acceptance into AP Program Credits: ½ Social Studies

The AP U.S. Government and Politics course is an introduction to the discipline of political science. It provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behavior. Students will also engage in disciplinary practices that require you to read and interpret data, make comparisons and applications, and develop evidence-based arguments. In addition, students will complete political science research or applied civics projects. Contract required to stay in the class. No semester average in this class. Students will take the College Board AP Exam in May and are responsible for paying the exam fee by November 1st.

H4650 U.S. GOVERNMENT DUAL CREDIT EPCC GOVT 2305 Recommended Grade Placement: 11-12 Course #: H4650 Prerequisite: Acceptance in dual credit program Credits: .5

Social Studies Origin and development of the U. S. Constitution, structure and powers of the national government including the legislative, executive, and judicial branches, federalism, political participation, the national election process, public policy, civil liberties, and civil right.

**ADVANCED PLACEMENT MICROECONOMICS** Grade Level: 11-12 Course #: H4810  
Prerequisite: Acceptance into AP Program Credits: ½ Social Studies

AP Microeconomics aims to give students an understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. It places primary emphasis on the nature and functions of product markets and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy. Contract required to stay in the class. No semester average in this class. Students will take the College Board AP Exam in May and are responsible for paying the exam fee by November 1st.

PSYCHOLOGY Grade Level: 11-12 Course #: H9010  
Prerequisite: None Credits: ½ Elective

In Psychology, an elective course, students consider the development of the individual and the personality. The study of psychology is based on a historical framework and relies on effective collection and analysis of data. Students study topics such as theories of human development, personality, motivation, and learning.

**DUAL CREDIT PSYCHOLOGY (EPCC PSYC2301)** Grade level: 9-12 Course #:H9020 Credits: ½ state credit  
Prerequisite: Acceptance in dual credit program

General Psychology is a survey of the major psychological topics, theories and approaches to the scientific study of behavior and mental processes.

SOCIOLOGY Grade Level: 11-12 Course #: H9210  
Prerequisite: None Credits: ½ Elective

In Sociology, an elective course, students study dynamics and models of individual and group relationships. Students study topics such as the history and systems of sociology, cultural and social norms, social institutions, and mass communications.

# Foreign Languages

SPANISH I NON-NATIVE Grade Level: 9-12 Course #: F1710 Prerequisite: Must be taken in sequence, not concurrent Credits: 1 LOTE

Students begin developing oral and written communication skills in familiar contexts while building confidence in their language abilities and exploring the target culture. This class is not for student who speak Spanish.

SPANISH I NATIVE Grade Level: 9-12 Course #: F1710 Prerequisite: Must be taken in sequence, not concurrent Credits: 1 LOTE

Students begin developing oral and written communication skills in familiar contexts while building confidence in their language abilities and exploring the target culture. This class is not for student who speak Spanish.

SPANISH II NON-NATIVE Grade Level: 9-12 Course #: F2710 Prerequisite: Must be taken in sequence, not concurrent Credits: 1 LOTE

Students further develop basic oral and written communication skills in the language through culturally authentic activities continuing to develop confidence and competence in the target language. Upon the completion of this course, students have the option of continuing to Spanish 3 or Spanish 3 Pre-AP. This class is not for student who speak Spanish.

SPANISH II NATIVE -INTERMEDIATE Grade Level: 9-12 Course #: F2730 Prerequisite: Must be taken in sequence, not concurrent Credits: 1 LOTE

This course is designed for native speakers and those students who speak Spanish but have not yet developed reading and writing skills. Instruction focuses on furthering the development of language structures, reading, writing, and academic vocabulary through the study of Hispanic writings and cultures. Upon completion of this course, it is recommended to continue with Spanish 3 PAP.

SPANISH III NON-NATIVE Grade Level: 9-12 Course #: F3800 Prerequisite: Must be taken in sequence, not concurrent Credits: 1 LOTE

Students continue developing and refining language proficiency with increasing accuracy in the areas of speaking, listening, reading, and writing. Students will learn how to effectively interact with speakers of the target language. Cultural appreciation is increased through the study of literature, art, and other aspects of target culture. This class is not for student who speak Spanish.

PRE AP SPANISH III NATIVE Grade Level: 9-12 Course #: F3750 Prerequisite: Must be taken in sequence, not concurrent Credits: 1 LOTE

Students strengthen their language skills in increasingly complex, authentic contexts in addition to reading and responding to works of modern and classical authors. Emphasis is placed on strengthening writing abilities and accuracy while preparing for the Advanced Placement Exam.

ADVANCED PLACEMENT SPANISH IV Grade Level: 9-12 Course #: F4730 Prerequisite: Must be taken in sequence, not concurrent Credits: 1 LOTE

Students focus on honing their language skills with increasing accuracy in a variety of contexts and registers. Students will read and respond to a variety of works from both modern and classical authors. Emphasis is placed on strengthening writing abilities and accuracy while preparing for the Advanced Placement exam. All students take the AP Exam in the spring semester. Contract required to stay in the class. No semester average in this class. Students will take the College Board AP Exam in May and are responsible for paying the exam fee by November 1st.

**ADVANCED PLACEMENT SPANISH V – LITERATURE** Grade Level: 11-12 Course #: F5800 Prerequisite: Must be taken in sequence, not concurrent Credits: 1 LOTE

A rigorous course designed to provide students with an overview of Spanish literature from Spain and Latin America covering contemporary and classical texts. Extensive reading and advanced composition writing are required. The focus is on AP preparation for all students to take the Spanish AP Literature exam in the spring. Contract required to stay in the class. No semester average in this class. Students will take the College Board AP Exam in May and are responsible for paying the exam fee by November 1st.

CHINESE I, II, III, IV, V Grade Level: 9-12 Course #: F1850, F2850, F3850, F4850, F5850 Prerequisite: Must be taken in sequence, not concurrent Credits: 1 LOTE

Students are introduced to the sounds and writing system of Chinese while developing oral and written communication skills in familiar contexts. Students will participate in cultural activities and gain confidence in the target language. Students continue developing and refining language proficiency with increasing accuracy in the areas of speaking, listening, reading, and writing. Students will learn how to effectively interact with speakers of the target language. Cultural appreciation is increased through study of literature, art and other aspects of target culture.

FRENCH I, II, III Grade Level: 9-12 Course #: F1010, F2010, F3450, Prerequisite: Must be taken in sequence, not concurrent Credits: 1 LOTE

Students begin developing oral and written communication skills in familiar contexts while building confidence in their language abilities and exploring the target culture.

AP Chinese

TBD

# Fine Arts

CHOIR I-IV Grade Level: 9-12 Course #: I1010, I2010, I3010, I4010 Prerequisite: Courses taken in sequence, not concurrently Credits: 1 Fine Art or Elective

Four basic strands -perception, creative expression/performance, historical and cultural heritage, and critical evaluation--provide broad, unifying structures for organizing the knowledge and skills students are expected to acquire. In music, students develop their intellect and refine their emotions, understanding the cultural and creative nature of musical artistry and making connections among music, the other arts, technology, and other aspects of social life. Through creative performance, students apply expressive technical skills of music and critical-thinking skills to evaluate multiple forms of problem solving. By reflecting on musical periods and styles, students understand music's role in history and can participate successfully in a diverse society. Students analyze and evaluate music, developing criteria for making critical judgments, and informed choices. EHS Concert Choir is divided into three classes: Cavaliers (Varsity), Women's Choir, and Jazz Singers. The repertoire performed varies from classical to pop and many things in between. Students will learn the basics of singing posture and technique as well as historical and cultural backgrounds of the songs presented. Students will be introduced to music theory and taught the basics of sight-reading. Choirs are Performing Arts classes and emphasis is placed on the cumulative performances throughout the year. Students will have the opportunity to participate in fundraisers and a yearly choir trip.

WOMEN'S CHOIR Course #: I1010, I2010, I3010, I4010

The Advanced Women's Choir is a group consisting of up to 60 EHS singers. The repertoire performed varies from classical to pop and many things in between. Students will learn the basics of singing posture and technique as well as historical and cultural backgrounds of the songs presented. Students will be introduced to music theory and taught the basics of sight-reading. Choirs are Performing Arts classes and emphasis is placed on the cumulative performances throughout the year. Students will have the opportunity to participate in fundraisers and a yearly choir trip. This choir is a competing choir and students can participate in TMEA and UIL events.

CAVALIERS Course #: I1710, I2710, I3710, I4710

The EHS Cavaliers is the varsity choral group at Eastwood High School. Cavaliers is an auditioned group made up of 40-60 singers. The repertoire performed varies from classical to pop and many things in between. Students will learn the basics of singing posture and technique as well as historical and cultural backgrounds of the songs presented. Students will be introduced to music theory and taught the basics of sight-reading. Choirs are Performing Arts classes and emphasis is placed on the cumulative performances throughout the year. Students will have the opportunity to participate in fundraisers and a yearly choir trip. This choir is a competing choir and students are required to participate in all TMEA and UIL events.

JAZZ SINGERS -MUSIC VOCAL ENSEMBLE I-II Grade Level: 9-12 Course #: I1710, I2710, I3710, I4710 Prerequisite: Must have Director's approval Credits: 1 Fine Art or Elective

The EHS Jazz Singers is a select group of 12-20 advanced singers who represent EHS throughout the city in public performances. Students selected for this group must also be members of the EHS Cavaliers. This elite group is comprised of upperclassmen displaying mastery of the basic concepts of musicianship including singing posture and technique as well as theory and sight-reading. Repertoire is more diverse in this group ranging from vocal jazz to Renaissance pieces.

## FINE ARTS – INSTRUMENTAL ARTS

ORCHESTRA I-IV Grade Level: 9-12 Course #: 11910, 12910, 13910, 14910 Prerequisite: Director Approval Required Credits: 1 Fine Art or Elective Courses must be taken in sequence, not concurrently

Students will relate music, within specified guidelines, to history, to society, and to culture. Students will respond to and evaluate music and musical performances. Emphasis on performance. Four basic strands--perception, creative expression/performance, historical and cultural heritage, and critical evaluation--provide broad, unifying structures for organizing the knowledge and skills students are expected to acquire. In music, students develop their intellect and refine their emotions, understanding the cultural and creative nature of musical artistry and making connections among music, the other arts, technology, and other aspects of social life. Through creative performance, students apply expressive technical skills of music and critical-thinking skills to evaluate multiple forms of problem solving.

MUSIC MARIACHIS I-IV Grade Level: 9-12 Course #: 11650, 12590, 13450 Prerequisite: Director Approval Required Credits: 1 Fine Art or Elective Courses must be taken in sequence, not concurrently

Four basic strands--perception, creative expression/performance, historical and cultural heritage, and critical evaluation--provide broad, unifying structures for organizing the knowledge and skills students are expected to acquire. In music, students develop their intellect and refine their emotions, understanding the cultural and creative nature of musical artistry and making connections among music, the other arts, technology, and other aspects of social life. Through creative performance, students apply expressive technical skills of music and critical-thinking skills to evaluate multiple forms of problem solving. By reflecting on musical periods and styles, students understand music's role in history and can participate successfully in a diverse society. Students analyze and evaluate music, developing criteria for making critical judgments and informed choices.

PIANO I-IV Grade Level: 9-12 Course #: 19100, 19210, 19310 Prerequisite: Courses taken in sequence, not concurrently Credits: 1 Fine Art or Elective

Students will study the four strands of perception, creative expression/performance, historical & cultural perspective & critical evaluation, learning to describe & analyze musical sound & demonstrating musical artistry on a beginning level using electronic keyboard & piano. Four basic strands--perception, creative expression/performance, historical and cultural heritage, and critical evaluation--provide broad, unifying structures for organizing the knowledge and skills students are expected to acquire. In music, students develop their intellect and refine their emotions, understanding the cultural and creative nature of musical artistry and making connections among music, the other arts, technology, and other aspects of social life.

BEGINNER / INTERMEDIATE CLASSICAL GUITAR I, II Grade Level: 9-12 Course #: 11810, 12810 Prerequisite: Courses taken in sequence, not concurrently Credits: 1 Fine Art or Elective

Students enrolled will study four strands: perception, expression/performance, historical and cultural heritage and critical evaluation. Students will learn to describe and analyze musical sound and demonstrate musical artistry. Students will play individually and in groups, performing a varied repertoire of music. Students will demonstrate the ability to read and learn to write within specified guidelines. Students will relate music, within specified guidelines to history, society and culture. Increased development in techniques, literature and ensemble performance. Students enrolled will study four strands: Perception, expression/performance, historical and cultural heritage and critical evaluation. Students will learn to describe and analyze musical sound and demonstrate musical artistry. Students will play individually and in groups, performing a varied repertoire of music. Students will demonstrate the ability to read and learn to write within specified guidelines. Students will relate music, within specified guidelines to history, society and culture. Students will respond to and evaluate music and musical performance.

ADVANCED CLASSICAL GUITAR III-IV Grade Level: 9-12 Course #: I3810, I4810 Prerequisite: Courses taken in sequence, not concurrently, Approval by teacher Credits: 1 Fine Art or Elective

Same as Beginner/Intermediate Guitar plus: increasingly difficult techniques, literature and extended experience with ensemble performance that will include all Ysleta District, University Interscholastic League, and Texas Music Educators Association performances and competitions.

MARCHING BAND Grade Level: 9-12 Course #: P6020, P6040, I3030, I4030 Prerequisite: Audition and permission from Director Credits: ½ Fine Art or ½ Elective or ½ P.E. in Fall Term Only

Same as Concert Band -will also learn marching techniques and perform at all football games, UIL Marching Contest, and other competitions and activities as seen by the director. All students enrolled in the band must participate in Marching.

CONCERT BAND – SPRING SEMESTER Grade Level: 9-12 Course #: I1050, I2050, I3050, I4050 Prerequisite: Audition and permission from Director Credits: ½ Fine Art or ½ Elective

Students enrolled in Band will study four strands: perception, creative expression/performance, historical and cultural heritage, and critical evaluation. Students will describe and analyze musical sound and demonstrate musical artistry. Students will play individually and in groups, performing a varied repertoire of music. Students will demonstrate the ability to read music and learn to write within specified guidelines. Students will relate music, within specified guidelines, to history, to society, and to culture. Students will respond to and evaluate.

FLAGS Grade Level: 9-12 Course #: P6040, I1030, I2030, I3030, I4030 Prerequisite: Audition and permission from Director Credits: 1 Fine Art or 1 Elective or ½ P.E. in Fall Term Only

Will learn marching techniques and perform at football games, UIL Marching Contest and other competitions and activities. All students enrolled must participate in marching.

### **FINE ARTS – DANCE**

DANCE I Grade Level: 9-12 Course #: D7010 Prerequisite: Courses taken in sequence, not concurrently Credits: 1 Fine Art or Elective

Students need no requirement to register for this class. This dance class will teach dancers all of the rudiments of dance as well as prepare students for any audition they care to work towards.

DANCE II Grade Level: 9-12 Course #: D7030 Prerequisite: Courses taken in sequence, not concurrently Credits: 1 Fine Art or Elective

Students will be placed in this class by the teacher. This dance class will further dance capabilities. Students will learn tap, jazz, and hip hop. They will perform during Eastwood's Lip Sync.

DANCE III – ADVANCED DANCE Grade Level: 9-12 Course #: D7050 Prerequisite: Courses taken in sequence, not concurrently; Teacher approval required via formal audition Credits: 1 Fine Art or Elective

Students will audition for this class. This dance class will take dancers to the next level of performance. Dancers will perform more often and will use their choreography skills to develop their abilities.

DANCE V -SALTATRIX Grade Level: 9-12 Course #: D7070 Prerequisite: Courses taken in sequence, not concurrently; Teacher approval required via formal audition Credits: 1 Fine Art or Elective

Students will audition for this class. Dancers will be pushed to the highest level of their capabilities. The class will travel to compete on a national level. Dancers need to be in superb physical condition in order to be in this class.

TROOPERETTES Grade Level: 9-12 Course #: D7110, D7210, D7310, D7410 Prerequisite: Courses taken in sequence, not concurrently; Teacher approval required via formal audition Credits: 1 Fine Art or 1 PE

Students will audition for this class. Performers will be pushed to the highest level of their capabilities. The class will travel to compete on a national level. Dancers need to be in superb physical condition in order to be in this class.

DANCE -FLAGS Grade Level: 9-12 Course #: D7130, D7230, D7330 D7430 Prerequisite: Courses taken in sequence, not concurrently. Teacher approval required via formal audition Credits: 1 Fine Art or 1 PE

Students will audition for this class. Performers will be pushed to their highest level of their capabilities.

### **FINE ARTS-THEATER ARTS**

THEATRE ARTS I-IV Grade Level: 9-12 Course #: D1210, D2210, D3210, D4210 Prerequisite: Courses taken in sequence, not concurrently Credits: 1 Fine Art or Elective

Students communicate in a dramatic form, make artistic choices, solve problems, build positive self-concepts, and relate interpersonally. This course will cover ensemble work/teamwork, relaxation, concentration, movement, voice, scene and play analysis, scene work including an emphasis on objectives, obstacles, and acting techniques, improvisational skills, character analysis and performance, monologues, audition skills, career paths and theater history.

TECHNICAL THEATRE I Grade Level: 9-12 Course #: D1310 Prerequisite: None Credits: 1 Fine Art or Elective

This is a project-based class that explores the topics of technical drawing and drafting, set design, costume design, special effects makeup, puppetry, lighting and sound.

TECHNICAL THEATRE II-IV Grade Level: 10-12 Course #: D2310, D3210, D4310 Prerequisite: Technical Theater I, must be taken in sequence, not concurrent Credits: 1 Fine Art or Elective

This class includes advanced technical theater techniques: set building, lighting, sound, props, and scenic painting. Together as a class we will build, paint, light, and prop every mainstage show.

TECHNICAL THEATRE II-IV – COSTUME CONSTRUCTION Grade Level: 10-12 Course #: D2320, D3220, D4320 Prerequisite: Technical Theater I, must be taken in sequence, not concurrent Credits: 1 Fine Art or Elective

This is a project based technical theater class that focuses on costuming. We will learn machine sewing, clothing construction, reading a pattern as well as finishing techniques. We will make costumes for mainstage shows as well as make handmade projects to learn different techniques. It is a good class for anyone who wants to learn to make and embellish clothes and costume pieces.

THEATRE PRODUCTION I-IV Grade Level: 11-12 Course #: D1110, D2110, D3110, D4110 Prerequisite: Audition Only Credits: 1 Fine Art or Elective

Musical Theatre focuses on developing your singing/acting/movement skills in a variety of musical theatre performing styles. This class lays the foundation for musical theatre performance through learning to use your own personal voice type/range, learning to analyze the lyrics to find out how to communicate the story through vocal and physical expression, and learning to develop the character in order to bring the song to life through both singing and acting. The class forms an ensemble performing group that learns and performs songs from a variety of musicals, from Vaudeville to today's Broadway shows. Students will also learn to overcome stage fright and build their confidence through in-class performances. Students will work towards producing a spring musical.

## FINE ARTS – VISUAL ARTS

ART I Grade Level: 9-12 Course #: D1010 Prerequisite: None Credits: 1 Fine Art or Elective

Art I students use direct observation, imagination, and personal experiences as inspiration for artworks. For planning original works, students record visual ideas about their environment and experiences in a sketchbook, on film, or on a computer. Learners use concise vocabulary to compare and contrast the use of art elements and design principles in personal works and the works of others.

ART DRAWING II Grade Level: 10-12 Course #: D2510 Prerequisite: Art I Credits: 1 Fine Art or Elective

Building on skills learned in Art I, Drawing II students search for parallels between visual structures in their natural and human-made environments. They then incorporate their findings in visual themes. Students use concise vocabulary to evaluate and compare the suitability of drawing materials for expressing visual themes in their own work.

ART DRAWING III Grade Level: 11-12 Course #: D3630 Prerequisite: Art Drawing II Credits: 1 Fine Art or Elective

Drawing III students identify sources for their work by examining their physical, emotional, social, and political environments. Learners establish connections between things similar and dissimilar and synthesize by taking objects apart and reassembling them in new ways. Students identify local, state, national, and global issues as sources for their works and interpret their ideas in their personal styles. Students record these ideas, fragments, symbols, metaphors, and written notations in a sketchbook or art journal for use in the studio in planning future works. Investigating, interpreting, and reinventing a subject by attempting multiple solutions which lead students into thematic development. Students use vocabulary specific to the discipline of drawing, including appropriate terminology for equipment, materials, and processes.

ART DRAWING IV Grade Level: 11-12 Course #: D4630 Prerequisite: Art Drawing III Credits: 1 Fine Art or Elective

Drawing IV students develop themes and individual styles in personal artworks. Sources of visual ideas for their work come from students' investigations of their environments. URBAN ART DESIGN I Grade Level: 10-12 Course #: D2520 Prerequisite: Art I or Graphic Design I Credits: 1 Fine Art or Elective Building on skills learned in Art I, students will incorporate visual themes in the studio specialties of painting and printmaking. Throughout the year students will explore more diverse techniques to art through advanced painting, monoprints, collographs, linoleum block prints, dry point, and various other methods. This course will develop technical skills and artistic vocabulary through drawing and preliminary sketching. Students will acquire the skills needed to use their artistic talents as a source of income by working on public and community art.

**ADVANCED PLACEMENT STUDIO ART: 2-D DESIGN** Grade Level: 11-12 Course #: D5010 Prerequisite: Art I & Art Drawing II, Teacher Approval Required Credits: 1 Fine Art or Elective

Each AP Studio Art course is designed for students who are seriously interested in the practical experience of art. AP Studio Art is not based on a written exam; instead, students submit portfolios for evaluation at the end of the school year. The AP Studio Art Program consists of three portfolios — 2-D Design, 3D Design and Drawing — corresponding to the most common college foundation courses. Contract required to stay in the class. No semester average in this class. Students will take the College Board AP Exam in May and are responsible for paying the exam fee by November 1st.

**ADVANCED PLACEMENT STUDIO ART: 3D DESIGN** Grade Level: 11-12 Course #: D5030 Prerequisite: Art I & Art Drawing II, Teacher Approval Required Credits: 1 Fine Art or Elective

Each AP Studio Art course is designed for students who are seriously interested in the practical experience of art. AP Studio Art is not based on a written exam; instead, students submit portfolios for evaluation at the end of the school year. The AP Studio Art Program consists of three portfolios — 2-D Design, 3D Design and Drawing — corresponding to the most common college foundation courses. Contract required to stay in the class. No semester average in this class. Students will take the College Board AP Exam in May and are responsible for paying the exam fee by November 1st.

**ADVANCED PLACEMENT STUDIO ART: DRAWING** Grade Level: 11-12 Course #: Prerequisite: Art I & Art Drawing II, Teacher Approval Required Credits: 1 Fine Art or Elective

Each AP Studio Art course is designed for students who are seriously interested in the practical experience of art. AP Studio Art is not based on a written exam; instead, students submit portfolios for evaluation at the end of the school year. The AP Studio Art Program consists of three portfolios — 2-D Design, 3D Design and Drawing — corresponding to the most common college foundation courses. Contract required to stay in the class. No semester average in this class. Students will take the College Board AP Exam in May and are responsible for paying the exam fee by November 1st.

**ADVANCED PLACEMENT ART HISTORY** Grade Level: 10-12 Course #: D4950 Prerequisite: None Credits: 1 Fine Art or Elective

AP Art History is designed to provide the same benefits to secondary school students as those provided by an introductory college course in art history. In the course, students examine major forms of artistic expression from the ancient world to the present and from a variety of cultures. They learn to look and analyze works of art within their historical context, and to articulate what they see or experience in a meaningful way. A meaningful way to experience works of art is learning to frame an understanding that relates to how and why works of art communicate visual meaning. Contract required to stay in the class. No semester average in this class. Students will take the College Board AP Exam in May and are responsible for paying the exam fee by November 1st.

# Academic Electives

STUDENT LEADERSHIP I-IV Grade Level: 10-12 Course #: H4450, H4470, H4490, H4510  
Prerequisite: Teacher Approval Required Credits: 1 Elective

A course designed to provide an opportunity for students to study, develop and practice group and individual leadership and organizational skills. The Student Leadership Class teaches students to acquire the leadership skills they need in order to succeed in whatever career they choose. The leadership class involves students in the day-to-day activities and procedures that involve the school. This experience teaches students how to be organized and efficient when working in a leadership position.

COLLEGE TRANSITION DUAL CREDIT EPCC EDUC 1300 Grade Level: 11-12 Course #: C9750  
Prerequisite: None Credits: 1

College Transition is a high school course designed to equip students with the knowledge, skills, and abilities necessary to be active and successful learners both in high school and in college. Students receive three college credit hours upon successful completion of requirements.

DEBATE I-III Grade Level: 10-12 Course #: J1710, J2710, J3710 Prerequisite: To be taken in sequence Credits: 1 Elective

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 and clashes of opinion.

DUAL CREDIT SPEECH Grade Level: 9-12 Course #: TBD Prerequisite: Admission to the dual credit program.

TBD

STUDENT ASSISTANT Grade Level: 12 Course #: L2900 Prerequisite: Administration Approval Credits: 1 Local

Senior students assist various administrative offices within the campus with clerical and light duty responsibilities.

DUAL CREDIT ART

DUAL CREDIT SPEECH

DUAL CREDIT PSYCHOLOGY

## YEARBOOK

Students enrolled in Advanced Journalism (Yearbook I, II, III/Newspaper I, II, III/Literary Magazine) communicate in a variety of forms for a variety of audiences and purposes. High school students are expected to plan, draft, and complete written and/or visual communications on a regular basis, carefully examining their copy for clarity, engaging language, and the correct use of the conventions and mechanics of written English. In Advanced Journalism, students are expected to become analytical consumers of media and technology to enhance their communication skills. In addition, students will learn journalistic ethics and standards. Writing, 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 Advanced Journalism will refine and enhance their journalistic skills, research self-selected topics, and plan, organize, and prepare a project(s) in one or more forms of media.

# PERSONAL FITNESS ELECTIVES

HEALTH Grade Level: 10-12 Course #: P4000 Required Course. Paired with ½ credit Professional Communications Credits: ½

Elective In health education, students acquire the health information and skills necessary to become healthy adults and learn about behaviors in which they should and should not participate. To achieve that goal, students will understand the following: students should first seek guidance in the area of health from their parents; personal behaviors can increase or reduce health risks throughout the lifespan; health is influenced by a variety of factors; students can recognize and utilize health information and products, and personal/interpersonal skills are needed to promote individual, family, and community health.

SPORTS MEDICINE Grade Level: 10-12 Course #: C1150 Prerequisite: None Credits: 1 Elective This course provides an opportunity for the study and application of the components of sports medicine including but not limited to: sports medicine related careers, organizational and administrative considerations, prevention of athletic injuries, recognition, evaluation, and immediate care of athletic injuries, rehabilitation and management skills, taping and wrapping techniques, first aid/CPR/AED, emergency procedures, nutrition, sports psychology, human anatomy and physiology, therapeutic modalities, and therapeutic exercise.

SPORTS MEDICINE II Grade Level: 11-12 Course #: C1170 Prerequisite: Sports Medicine I Credits: 1 Elective This course is designed for athletic training students. It provides an in-depth study and application of the components of sports medicine including but not limited to basic rehabilitative techniques; therapeutic modalities; wound care, taping and bandaging techniques, prevention, recognition, and care of musculoskeletal injuries; injuries to the young athlete; drugs in sports; modern issues in sports medicine. Individualized and independent assignments will be included in this course. This course will involve outside-of-class time homework and time required working with athletes and athletic teams.

[JROTC LET I-IV](#) Grade Level: 9-12 Course #: [C1110](#), [C2110](#), [C3110](#), [C4110](#) Prerequisite: None Credits: 1 Elective or PE JROTC mission is to motivate young people to become better citizens. It is designed to teach high school students the value of good citizenship, leadership, service to the community, and personal responsibility while instilling in them self-esteem, teamwork, and self-discipline. JROTC helps prepare students for responsible leadership roles, while making them aware of their duties, rights, and responsibilities and privileges as United States citizens. In addition, physical fitness, personal and social discipline and avoidance of risky behaviors (e.g., substance abuse) are stressed through all LET levels. Enrolled students also can compete with several varsity level teams to include color guard, air rifle, orienteering, and armed or unarmed drill. JROTC helps facilitate the school and district goals that all students graduate on time, prepared for college or career. JROTC is not intended as a recruiting tool for or prerequisite to military service. In fact, cadets are encouraged to pursue college immediately following high school. However, successful completion of at least three units of credit will qualify students for advanced placement in college ROTC programs or accelerated promotion in the enlisted ranks

FOUNDATIONS OF PERSONAL FITNESS Grade Level: 9-10 Course #: P1000 Prerequisite: None Credits: 1 PE or Elective Students acquire knowledge and skills for movement that provide the foundation for enjoyment, continued social development through physical activity, and access to a physically active lifestyle. The basic purpose of this course is to motivate students to strive for lifetime personal fitness with an emphasis on the health-related components of physical fitness. The knowledge and skills taught in this course include teaching students about the process of becoming fit as well as achieving some degree of fitness within class.

INDIVIDUAL SPORTS Grade Level: 9-12 Course #: P5120 Prerequisite: None Credits: 1 PE or Elective Students in individual sports are expected to participate in a wide range of individual sports that can be pursued for a lifetime. The continued development of health-related fitness and the selection of individual sports activities that are enjoyable is a major objective of this course. Non-competitive sports include: (Fall Semester: Flag Football, Volleyball, Basketball) (Spring Semester: Soccer, Baseball/Softball, Kickball)

WEIGHTS AND CONDITIONING I-II Grade Level: 9-12 Course #: P1410, P2410 Prerequisite: Weights and Conditioning I Credits: 1 PE or Elective This course introduces techniques, principles, and benefits of personal conditioning program including flexibility, cardiovascular fitness and muscular strength and endurance training. It presents the skills and techniques of weightlifting such as proper lifting, breathing, spotting, and safety procedures.

# **TEAM ATHLETICS**

## **APPROVAL BY COACH/TRYOUTS**

BASEBALL

FOOTBALL

BOYS/GIRLS BASKETBALL

BOYS/GIRLS GOLF

GYMNASTICS

SOFTBALL

CHEERLEADING

BOYS/GIRLS SOCCER

CROSS COUNTRY

SWIMMING

TENNIS

TRACK

VOLLEYBALL

BOYS/GIRLS WRESTLING

Try out information will be shared through social media and school website at a later date.



Audio/Video Technology



Animation/Graphic Design

# CTE Pathways



International Finance Academy



Law Enforcement



S.T.E.M

## Career and Technical Education

## LINK TO THE EASTWOOD PROGRAMS OF STUDY-

<https://www.yisd.net/o/yisd/page/eastwood-high-school-cte>

# Digital Communications

## EPAN/KEHS

### Course 1

V100C PRINCIPLES OF ARTS, A/V TECH. PEIMS# 13008200 Recommended Grade Placement: 9 1 State Credit

The Arts, Audio/Video Technology, and Communications Career Cluster focuses on careers in designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services. The student demonstrates professional standards/employability skills as required by business and industry.

### Course 2

[DIGITAL AUDIO TECHNOLOGY I PEIMS# 13009950 Recommended Grade Placement: 9-12 1 State Credit](#)

Digital Audio Technology I was designed to provide students interested in audio production careers such as audio for radio and television broadcasting, audio for video and film, audio for animation and game design, music production and live sound, and additional opportunities and skill sets. Digital Audio Technology I does not replace Audio Video Production courses but is recommended as a single credit, co-curricular course with an audio production technical emphasis. This course can also be paired with Digital Media. Students will be expected to develop an understanding of the audio industry with a technical emphasis on production and critical-listening skills.

### Course 3

[AUDIO/VIDEO PRODUCTION I PEIMS# 13008500 Recommended Grade Placement: 9-12 1 State Credit](#)

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 an 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 understanding of the industry with a focus on pre-production, production, and post-production audio and video activities.

### Course 4

[AUDIO/VIDEO PRODUCTION II PEIMS# 13008600 Recommended Grade Placement: 10-12 1 State Credit](#)

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.

# Graphic Design and Multimedia Arts/ Animation

## Course 1

V100C PRINCIPLES OF ARTS, A/V TECH. PEIMS# 13008200 Recommended Grade Placement: 9 1 State Credit

The Arts, Audio/Video Technology, and Communications Career Cluster focuses on careers in designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services. The student demonstrates professional standards/employability skills as required by business and industry.

## Course 2

V205K DIGITAL MEDIA SY 2024-2025 PEIMS# 13027800 Recommended Grade Placement: 9-12 1 State Credit

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

## Course 3

V165C GRAPHIC DESIGN AND ILLUSTRATION I SY 2024-2025 PEIMS# 13008800 Recommended Grade Placement: 10-12 1 State Credit

Careers in graphic design and illustration span all aspects of the advertising and visual communications industries. Within this context, in addition to developing knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an understanding of the industry with a focus on fundamental elements and principles of visual art and design.

V125C ANIMATION I SY 2024-2025 PEIMS# 13008300 Recommended Grade Placement: 10-12 1 State Credit

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

## Course 4

V175C GRAPHIC DESIGN AND ILLUSTRATION II SY 2024-2025 PEIMS# 13008900 Recommended Grade Placement: 10-12 1 State Credit

Careers in graphic design and illustration span all aspects of the advertising and visual communications industries. Within this context, in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an advanced understanding of the industry with a focus on mastery of content knowledge and skills.

V130C ANIMATION II SY 2024-2025

PEIMS# 13008400 Recommended Grade Placement: 11-12 1 State Credit

Prerequisite: Animation I Cluster: Arts, Audio/Video Technology and Communications Endorsement: Business and Industry POS Pathway: Graphic Design and Multimedia Arts; Level 3

Within this context, 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 create two- and three-dimensional animations. The instruction also assists students seeking careers in the animation industry.

# Accounting

## Course 1

V100D PRINCIPLES OF BUS., MARKETING, & FINANCE SY 2024-2025 PEIMS# 13011200  
Recommended Grade Placement: 9-11 1 State Credit Prerequisite: None

In 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.

## Course 2

V140D BUSINESS INFORMATION MANAGEMENT I SY 2024-2025 PEIMS# 13011400  
Recommended Grade Placement: 9-12 1 State Credit

In Business Information Management I, students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce and postsecondary education. Students apply technical skills to address business applications of emerging technologies, create word-processing documents, develop a spreadsheet, formulate a database, and make an electronic presentation using appropriate software.

## Course 3

CouV180F ACCOUNTING I SY 2024-2025 PEIMS# 13016600 Recommended Grade Placement: 10-12 1 State Credit

Students investigate the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students reflect on this knowledge as they engage in the process of recording, classifying, summarizing, analyzing, and communicating accounting information. Students formulate and interpret financial information for use in management decision making.

## Course 4

V200F ACCOUNTING II SY 2024-2025

PEIMS# 13016700 Recommended Grade Placement: 11-12 1 State Credit

Students continue the investigation the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students reflect on this knowledge as they engage in the process of recording, classifying, summarizing, analyzing, and communicating accounting information. Students formulate and interpret financial information for use in management decision making. This course satisfies a high school mathematics graduation requirement.

# Business Management

## Course 1

V100D PRINCIPLES OF BUS., MARKETING, & FINANCE SY 2024-2025 PEIMS# 13011200 Recommended Grade Placement: 9-11 1 State Credit

In 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.

## Course 2

V140D BUSINESS INFORMATION MANAGEMENT I SY 2024-2025 PEIMS# 13011400 Recommended Grade Placement: 9-12 1 State Credit

In Business Information Management I, students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce and postsecondary education. Students apply technical skills to address business applications of emerging technologies, create word-processing documents, develop a spreadsheet, formulate a database, and make an electronic presentation using appropriate software.

## Course 3

N105D EXT. PRAC. BUSINESS MANAGEMENT I SY 2024-2025 PEIMS# 13012205 Recommended Grade Placement: 11-12 3 State Credits

This course includes the course Practicum in Business Management and may not be taken as a stand-alone 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. Practicum in Business Management is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences occur in a paid or unpaid arrangement and a variety of locations appropriate to the nature and level of experience. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. Students apply technical skills to address business applications of emerging technologies. Students develop a foundation in the economic, financial, technological, international, social, and ethical aspects of business to become competent consumers, employees, and entrepreneurs. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment. Students incorporate a broad base of knowledge that includes the legal, managerial, marketing, financial, ethical, and international dimensions of business to make appropriate business decisions.

## Course 4

N115D EXT. PRAC. BUSINESS MANAGEMENT II SY 2024-2025 PEIMS# 13012215 Recommended Grade Placement: 12 3 State Credits

This course includes the course Practicum in Business Management and may not be taken as a stand-alone 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. Practicum in Business Management is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences occur in a paid or unpaid arrangement and a variety of locations appropriate to the nature and level of experience. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. Students apply technical skills to address business applications of emerging technologies. Students develop a foundation in the economic, financial, technological, international, social, and ethical aspects of business to become competent consumers, employees, and entrepreneurs. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment. Students incorporate a broad base of knowledge that includes the legal, managerial, marketing, financial, ethical, and international dimensions of business to make appropriate business decisions.

# Entrepreneurship

## Course 1

V100D PRINCIPLES OF BUS., MARKETING, & FINANCE SY 2024-2025 PEIMS# 13011200 Recommended Grade Placement: 9-11 1 State Credit

In 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.

## Course 2

V140D BUSINESS INFORMATION MANAGEMENT I SY 2024-2025 PEIMS# 13011400 Recommended Grade Placement: 9-12 1 State Credit

In Business Information Management I, students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce and postsecondary education. Students apply technical skills to address business applications of emerging technologies, create word-processing documents, develop a spreadsheet, formulate a database, and make an electronic presentation using appropriate software.

## Course 3

V140N ENTREPRENEURSHIP SY 2024-2025 PEIMS# 13034400 Recommended Grade Placement: 10-12 1 State Credit

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 student understand the process of analyzing a business opportunity, preparing a business plan, determining feasibility of an idea using research, and developing a plan to organize and promote the business and its products and services. In addition, students will understand the capital required, the return on investment desired, and the potential for profit.

N105N EXT. PRAC. MARKETING I SY 2024-2025 PEIMS# 13034805 Recommended Grade Placement: 11-12 3 State Credits

This course includes the course Practicum in Marketing and may not be taken as a stand-alone 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. Practicum in Marketing I 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.

## Course 4

N115N EXT. PRAC. MARKETING II SY 2024-2025 PEIMS# 13034815 Recommended Grade Placement: 12 3 State Credits

This course includes the course Practicum in Marketing and may not be taken as a stand-alone 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. 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.

V145N ENTREPRENEURSHIP II SY 2024-2025 PEIMS# N1303423 Recommended Grade Placement: 11-12 1 State Credit

In Entrepreneurship II, students will gain the knowledge and skills needed to become an entrepreneur. Students will practice the principles necessary to begin, launch, and operate a business. The primary focus of the course is to help students learn and initiate the process of taking a business plan from idea to implementation. Students will understand the importance of networking, branding, fundraising, and a marketing strategy for the digital online environment as well as community marketing. Students are expected to have a basic understanding of the capital required, the return on investment desired, and the potential for profit.

# Family and Community Services

## Course 1

V100J PRINCIPLES OF HUMAN SERVICES SY 2024-2025 PEIMS# 13024200 Recommended Grade Placement: 9-12 1 State Credit

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

## Course 2

V145J INTERPERSONAL STUDIES SY 2024-2025 PEIMS# 13024400 Recommended Grade Placement: 9-12 .5 State Credit

This course examines how the relationships between individuals and among family members significantly affect the quality of life. Students use knowledge and skills in family studies and human development to enhance personal development, foster quality relationships, promote wellness of family members, manage multiple adult roles, and pursue careers related to counseling and mental health services. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

V165J LIFETIME NUTRITION AND WELLNESS SY 2024-2025 PEIMS# 13024500 Recommended Grade Placement: 9-12 .5 State Credit Prerequisite:

This laboratory course allows students to use principles of lifetime wellness and nutrition to help them make informed choices that promote wellness as well as pursue careers related to hospitality and tourism, education and training, human services, and health sciences. Students are encouraged to participate in career and technical student organizations and other leadership organizations.

## Course 3

V240J FAMILY AND COMMUNITY SERVICES SY 2024-2025 PEIMS# 13024900 Recommended Grade Placement: 10-12 1 State Credit

This laboratory-based course is designed to involve students in realistic and meaningful community-based activities through direct service experiences. Students are provided opportunities to interact and provide services to individuals, families, and the community through community or volunteer services. Emphasis is placed on developing and enhancing organizational and leadership skills and characteristics. Students are encouraged to participate in career and technical student organizations and other leadership organizations.

## Course 4

V200J CHILD DEVELOPMENT SY 2024-2025 PEIMS# 13024700 Recommended Grade Placement: 10-12 1 State Credit

This technical laboratory course addresses knowledge and skills related to child growth and development from prenatal through school-age children, equipping students with child development skills. Students use these skills to promote the wellbeing and healthy development of children and investigate careers related to the care and education of children. Students are encouraged to participate in career and technical student organizations and other leadership organizations.

# Law Enforcement

V100L PRINC. LAW, PUBLIC SAFETY, CORR. & SCRTY PEIMS# 13029200 Recommended Grade Placement: 9-12 1 State Credit

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

V120L 1 State Credit LAW ENFORCEMENT I PEIMS#13029300 Prerequisite: None Recommended Grade Placement: 10-12

Law Enforcement I is an overview of the history, organization, and functions of local, state, and federal law enforcement. This course includes the role of constitutional law, the United States legal system, criminal law, law enforcement terminology, and the classification and elements of crime.

V140L LAW ENFORCEMENT II SY 2024-2025 PEIMS# 13029400 Recommended Grade Placement: 10-12 1 State Credit

Law Enforcement II provides the knowledge and skills necessary to prepare for a career in law enforcement. This course includes the ethical and legal responsibilities, operation of police and emergency telecommunication equipment, and courtroom testimony.

V160L FORENSIC SCIENCE SY 2024-2025 PEIMS# 13029500 Recommended Grade Placement: 11-12 1 State Credit

Forensic Science is a course that uses a structured and scientific approach to the investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, homicide, and the psychology of criminal behavior. Students will learn terminology and investigative procedures related to crime scene, questioning, interviewing, criminal behavior characteristics, truth detection, and scientific procedures used to solve crimes. Using scientific methods, students will collect and analyze evidence through case studies and simulated crime scenes such as fingerprint analysis, ballistics, and blood spatter analysis. Students will learn the history, legal aspects, and career options for forensic science. Students must meet the 40% laboratory and fieldwork requirement. This course satisfies a high school science graduation requirement.

V165L CRIMINAL INVESTIGATION SY 2024-2025 PEIMS# 13029550 Recommended Grade Placement: 10-12 1 State Credit

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

# Engineering

V1050 PRINCIPLES OF APPLIED ENGINEERING PEIMS# 13036200 Recommended Grade Placement: 9-10  
1 State Credit

Principles of Applied Engineering provides an overview of the various fields of Science, Technology, Engineering, and Mathematics and their interrelationships. Students will develop engineering communication skills, which include computer graphics, modeling, and presentations, by using a variety of computer hardware and software applications to complete assignments and projects. Upon completing this course, students will have an understanding of the various fields of engineering and will be able to make informed career decisions. Further, students will have worked on a design team to develop a product or system. Students will use multiple software applications to prepare and present course assignments.

V1450 ENGINEERING DESIGN AND PRESENTATION I PEIMS# 13036500 Recommended Grade Placement:  
10-12 1 State Credit

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

V1750 ROBOTICS I SY 2024-2025 PEIMS# 13037000 Recommended Grade Placement: 9-10 1 State  
Credit

In Robotics I, students will transfer academic skills to component designs in a project-based environment through implementation of the design process. Students will build prototypes or use simulation software to test their designs. Additionally, students will explore career opportunities, employer expectations, and educational needs in the robotic and automation industry.

V1850 ROBOTICS II PEIMS# 13037050 Recommended Grade Placement: 10-12 1 State Credit

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

V3000 1 State Credit ENGINEERING DESIGN AND PROBLEM SOLVING PEIMS#13037300 Prerequisites:  
Recommended Grade Placement: 11-12 Algebra I and Geometry

Engineering Design is the creative process of solving problems by identifying needs and then devising solutions. The solutions may be a product, technique, structure, process, or many other things depending on the problem. Science aims to understand the natural world, while engineering seeks to shape this world to meet human needs and wants. Engineering design takes into consideration limiting factors or "design under constraint." Various engineering disciplines address a broad spectrum of design problems using specific concepts from the sciences and mathematics to derive a solution. The design process and problem solving are inherent to all engineering disciplines. This course satisfies a high school science graduation requirement.

# Healthcare Therapeutic Diagnostic

V120H 1 State Credit MEDICAL TERMINOLOGY PEIMS# 13020300 Prerequisite:None  
Recommended Grade Placement: 9-12

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

V180H MEDICAL MICROBIOLOGY PEIMS#13020700 Recommended Grade  
Placement: 10-12 Prerequisites: Biology, Chemistry

Students explore the microbial world, studying topics such as pathogenic and non-pathogenic microorganisms, laboratory procedures, identifying microorganisms, drug resistant microorganisms, and emerging diseases. Students must meet the 40% laboratory and fieldwork requirement. This course satisfies a high school science graduation requirement.

V200H 1 State Credit PATHOPHYSIOLOGY PEIMS#13020800 Recommended  
Grade Placement: 11-12 Prerequisites: Biology, Chemistry

Students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Pathophysiology study disease processes and how humans are affected. Emphasis is placed on prevention and treatment of disease. Students will differentiate between normal and abnormal physiology. Students must meet the 40% laboratory and fieldwork. This course satisfies a high school science graduation requirement.

V160H 1 State Credit ANATOMY AND PHYSIOLOGY PEIMS# 13020600  
Recommended Grade Placement: 10-12

In Anatomy and Physiology, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis. Students must meet the 40% laboratory and fieldwork requirement. This course satisfies a high school science graduation requirement.