



## High School Catalog of Courses 2019-2020

The guide to high school courses and programs designed to help students build a successful future.

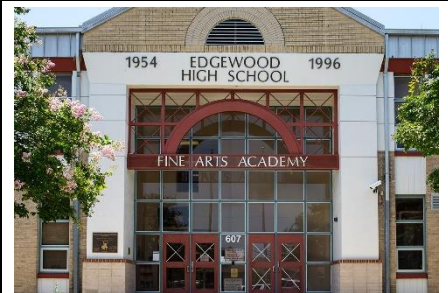
**Kennedy High School**



**Memorial High School**



**STEAM at Fine Arts Academy**



Edgewood Independent School District  
5358 W. Commerce Street  
San Antonio, TX 78237  
(210) 444-4500



## High School Catalog of Courses 2019-2020

### Edgewood ISD School Board

Roy Richard Soto Sr., President  
Frank Espinosa, Vice President  
Stella Camacho, Secretary  
Richard Santoyo, Member  
Timothy W. Payne, Member  
Martha Castilla, Member

### Edgewood ISD Superintendent

Dr. Eduardo Hernandez

### Edgewood ISD Central Office

5358 W. Commerce Street  
San Antonio, TX 78327  
(210) 444-4500  
(210) 444-4548 (fax)  
8:00 AM – 4:30 PM

### Edgewood ISD Service Center at Emma Frey – South Building

900 S. San Eduardo Street  
San Antonio, TX 78237  
(210) 444-4500  
(210) 444-4548 (fax)  
8:00 AM – 4:30 PM

It is the policy of the Edgewood ISD not to discriminate on the basis of race, color, national origin, sex or handicap in its educational programs, services, or activities as required by Title VI of the Civil Rights Act of 1964, as amended: Title IX of the Education Amendments of 1972: and Section 504 of the Rehabilitation Act of 1973, as amended.

Es norma del distrito escolar de Edgewood no discriminar por motivos de raza, color, origen nacional, sexo, o impedimento, en sus programas, servicios, o actividades educacionales, tal como lo requieren el Título VI de la Ley de Derechos Civiles de 1964, según enmienda; el Título IX de las Enmiendas en la Educación, de 1972, y la Sección 504 de la Ley de Rehabilitación de 1973, según enmienda.



## Table of Contents

<b>Introduction</b>	
<b>Graduation Requirements</b>	
Grade Classification.....	page 1
Side by Side Graduation Programs.....	page 3
<b>Advanced Academics</b>	
Advanced Placement (AP) Courses.....	page 6
Dual Credit (DC) Courses.....	page 8
OnRamps Dual Enrollment (DE) Courses.....	page 9
Early College High School (ECHS).....	page 11
<b>Course Descriptions</b>	
English Language Arts.....	page 15
Languages other than English.....	page 19
Mathematics.....	page 20
Science.....	page 23
Social Studies.....	page 26
Physical Education (PE) and PE Equivalent Substitution Courses.....	page 29
Fine Arts.....	page 32
Additional Courses.....	page 41
<b>Endorsement Information</b>	
Arts and Humanities.....	page 48
Business and Industry.....	page 58
Public Services.....	page 73
Science, Technology, Engineering, and Math (STEM).....	page 83
CTE Organizations.....	page 89
Alamo Academies .....	page 90



## Introduction

### Introduction

The EISD Catalog of Courses 2019-2020 assists in selecting the graduation program requirements to help your child be successful in realizing their goals. All students who entered high school in the 2014-2015 school year and after are on the Foundation Graduation Plan. The Graduation Plans are below:

- Foundations Plan – 22 credits
- Foundations Plan with Endorsement(s) – 26 credits
- Students under the Foundation Plan with Endorsement(s) can also graduate with a Distinguished Achievement and/or Performance Acknowledgements

Information about each graduation plan is listed in the course catalog. Students following the Foundation Plan with Endorsement(s) will select their endorsement(s) during their 8<sup>th</sup> grade year and continue on that plan throughout high school. If you have any questions regarding graduation plans, please contact your child's school counselor.

Edgewood ISD successfully prepares students for their future by continuously providing educational excellence. We offer a variety of courses, which allow students and parents to design a course of study to meet individual student needs and complete their graduation plans. Parents, students, and staff need to be aware of what is available in order to make informed decisions.

This course catalog is designed to address the State's expectation for the Foundation Plan with Endorsement(s) while offering students flexibility in career choices, which allow for industry certifications. We are also expanding our Dual Credit (DC) and Advanced Placement (AP) course options to provide our students with a competitive edge.

Within the catalog, you will find descriptions of available high school courses listed by content area. When selecting the sequence of courses for each term, students are urged to consider their career goals, career concentrations, and the demands of the courses they have selected.

Counselors will be meeting with students and their parents to guide development of graduation plans which bridge to post-secondary success. You are highly encouraged to use this catalog along with the school counselor to plan for your child's future.

Thank you for being an Edgewood ISD parent and student! We look forward to assisting your child reach his/her goals!

Course Catalog is prepared by  
Edgewood ISD Guidance and Counseling Department  
900 S. San Eduardo Street  
San Antonio, TX 78237  
(210) 444-4982



## Graduation Requirements



## Grade Classification

### Grade Level Classification

Grade level classification is based upon the number of credits successfully completed by a student. Grade level classifications require the following earned state credits for all students:

- Freshman = 0-5.5 credits
- Sophomore = 6-11.5 credits
- Junior = 12-17.5 credits
- Senior = 18+ credits

Grade level classifications are made once a year at the beginning of the fall term except in the case of junior potential graduates. Reclassification shall occur for eleventh grade potential graduates at the end of the semester. It is recommended that students attend summer school in order to obtain credits lost due to course credit denial and/or failure. See your counselor if you have questions about your grade placement.

### Grade Point Average and Ranking Policy

**The following provisions shall apply to students in the graduating classes of 2019, 2020, and 2021.** Individual grade point averages shall be computed for the purpose of determining eligibility for the honors of valedictorian and salutatorian as well as eligibility awards for scholarships. In order to be considered for the top two rank positions, valedictorian and salutatorian, a student must have been continuously enrolled in his or her respective District high school for the last three full semester immediately preceding graduation. Students shall also be identified as honor graduates in the following categories based on their grade point averages (GPAs). These GPAs shall be determined by the system described below:

- Summa Cum Laude: 100 and higher
- Magna Cum Laude: 95-99
- Cum Laude: 90-94

For the purpose of this recognition and rank, GPAs shall stand at face value. Preliminary student ranks shall be calculated at the end of the student's freshman and sophomore years. For official GPA and rank purposes, student calculations shall occur at the end of the first term of his or her senior year. Final rank for all junior potential graduates and seniors shall occur at the end of the third six-week grading period. Each potential graduate's rank in class shall be determined for the purpose of reporting to colleges and/or prospective employers.

Beginning with students who enter the ninth grade in 1999-2000 and thereafter, 10 points shall be added to course grades that are designated as Pre-Advanced Placement (Pre-AP), Advanced Placement (AP), and Dual Credit (DC). These 10 points shall be added at the end of each semester when grades are posted. The 10 points shall be added only to grades of 70 or higher.

Beginning with students who enter the ninth grade in 2002-2003 and thereafter, 5 points shall be added to course grades that are designated as "advanced" for all students. These points shall be added at the end of each semester when grades are posted. The 10 points shall be added only to grades of 70 or higher.

**The following provisions shall apply to students beginning with the graduating class of 2022.** The District shall include in the calculation of class rank semester grades earned in high school credit courses taken at any grade level. The calculation shall include failing grades. The District shall categorize and weight eligible courses as AP, DC, Pre-AP, and regular in accordance with provisions of this policy and as designated in appropriate District publications. The District shall assign weights to semester grades earned in eligible courses and calculate a weighted numerical grade average, in accordance with the following:

- AP/DC – plus 10 points
- Pre-AP – plus 5 points
- Regular – plus 0 points

No points shall be added to failing grades. The District shall record unweighted numerical grades on student transcripts.

## **Grading Policy and Progress Reports**

In grades 9-12, the District shall report grades to parents as numeric grades at the end of each grading period. The District shall also provide progress reports to parents in numerical grades every three weeks. Students must earn a grade of 70 or higher to earn credit in a course: A=90-100, B=80-89, C=75-79, D=70-74. Any grade below a 70 is not passing and student will not earn credit: F=69 and below.

### **Graduation Plans for Students who began 9<sup>th</sup> Grade in 2013 and Before**

Three graduation plans were in place: Minimum, Recommended, and Distinguished Achievement. The Minimum graduation plan requires 22 credits, and the Recommended and Distinguished Achievement graduation plans require 26 credits. Students will graduate under the Recommended or the Distinguished Achievement graduation plans unless a parent and/or guardian approves graduation under the Minimum graduation plan. Students graduating under the Recommended or the Distinguished Achievement graduation plans follow a more rigorous core of instruction. Students graduating under the Distinguished Achievement graduation plan must also achieve four Advanced Measures. Students may also choose to graduate under the new Foundation Graduation Plan.

### **Graduation Plans for Students who began 9<sup>th</sup> Grade in 2014 and After**

Foundations Plan or Foundations Plan with Endorsements. Students who graduate under the Foundations Plan need 22 credits to graduate. Students who graduate under the Foundations Plan with Endorsements need 26 credits to graduate. In order for students to be considered in the Top 10% of the graduating class and to qualify for automatic admission to Texas Colleges and Universities, they must earn Distinguished Achievement. Distinguished Achievement requires Foundations Plan with Endorsement, four credits in Mathematics including Algebra II, and four credits in Science.

### **Early Graduation**

Students who are planning early graduation must declare their intention by the end of Freshman year. Working together with the parents and students, counselors will review state and district graduation requirements to schedule students properly for the third year and to ensure that a graduation contract has been signed. Students must see their counselor to review the application process. Special cases must have principal approval. It is recommended that students who plan to graduate early consult the college/university advisor and admissions officer to discuss enrollment status. Summer school courses may be required to complete graduation requirements.

### **Schedule Changes**

Students must submit a schedule change request form to their counselor for any schedule change. Each request will be evaluated on an individual basis. Student schedules may also be changed due to class leveling or staffing changes. Every effort will be made to complete schedule changes in a timely manner.

### **Sequence of Courses**

Students must meet the required course pre-requisite before they are scheduled into a specific course unless extenuating circumstances warrant exceptions. It is recommended that students who fail a course or any semester of a one credit course enroll in summer school. Documentation will be drawn up delineating student and family responsibilities when exceptions are made. This documentation is to be signed by the student, parents, principal (or designee), and counselor. See your counselor for more information.



Side-by-Side Comparison: Graduation Program Options to be Implemented Beginning in 2014-2015

Discipline	Foundation HSP	*MHSP	*RHSP	*DAP
<b>English Language Arts</b>	<b>Four credits:</b> <ul style="list-style-type: none"> <li>English I</li> <li>English II</li> <li>English III</li> <li>An advanced English course</li> </ul>	<b>Four credits:</b> <ul style="list-style-type: none"> <li>English I</li> <li>English II</li> <li>English III</li> <li>English IV or approved alternate course</li> </ul>	<b>Four credits:</b> <ul style="list-style-type: none"> <li>English I</li> <li>English II</li> <li>English III</li> <li>English IV</li> </ul>	<b>Four credits:</b> <ul style="list-style-type: none"> <li>English I</li> <li>English II</li> <li>English III</li> <li>English IV</li> </ul>
<b>Mathematics</b>	<b>Three credits:</b> <ul style="list-style-type: none"> <li>Algebra I</li> <li>Geometry</li> <li>An advanced math course</li> </ul>	<b>Three credits:</b> <ul style="list-style-type: none"> <li>Algebra I</li> <li>Geometry</li> <li>SBOE approved math course</li> </ul>	<b>Four credits:</b> <ul style="list-style-type: none"> <li>Algebra I</li> <li>Algebra II</li> <li>Geometry</li> <li>An additional math credit</li> </ul>	<b>Four credits:</b> <ul style="list-style-type: none"> <li>Algebra I</li> <li>Algebra II</li> <li>Geometry</li> <li>An additional math credit</li> </ul>
<b>Science</b>	<b>Three credits:</b> <ul style="list-style-type: none"> <li>Biology</li> <li>IPC or an advanced science course</li> <li>An advanced science course</li> </ul>	<b>Two credits:</b> <ul style="list-style-type: none"> <li>Biology</li> <li>IPC or Chemistry and Physics (one of the two serves as an academic elective)</li> </ul>	<b>Four credits:</b> <ul style="list-style-type: none"> <li>Biology</li> <li>Chemistry</li> <li>Physics</li> <li>An additional science credit</li> </ul>	<b>Four credits:</b> <ul style="list-style-type: none"> <li>Biology</li> <li>Chemistry</li> <li>Physics</li> <li>An additional science credit</li> </ul>
<b>Social Studies</b>	<b>Three credits</b> <ul style="list-style-type: none"> <li>U.S. History</li> <li>U.S. Government (one-half credit)</li> <li>Economics (one-half credit)</li> <li>World History or World Geography</li> </ul>	<b>Three credits:</b> <ul style="list-style-type: none"> <li>U.S. History (one credit)</li> <li>U.S. Government (one-half credit)</li> <li>Economics (one-half credit)</li> <li>World History (one credit) or World Geography (one credit)</li> </ul>	<b>Four credits:</b> <ul style="list-style-type: none"> <li>U.S. History (one credit)</li> <li>U.S. Government (one-half credit)</li> <li>Economics (one-half credit)</li> <li>World History (one credit)</li> <li>World Geography (one credit)</li> </ul>	<b>Four credits:</b> <ul style="list-style-type: none"> <li>U.S. History (one credit)</li> <li>U.S. Government (one-half credit)</li> <li>Economics (one-half credit)</li> <li>World History (one credit)</li> <li>World Geography (one credit)</li> </ul>
<b>Physical Education</b>	<b>One credit</b>	<b>One credit</b>	<b>One credit</b>	<b>One credit</b>
<b>Languages Other Than English</b>	<b>Two credits in the same language</b> Two credits from Computer Science I, II, and III (other substitutions)	<b>None</b>	<b>Two credits in the same language</b>	<b>Three credits in the same language</b>
<b>Fine Arts</b>	<b>One credit</b>	<b>One credit</b>	<b>One credit</b>	<b>One credit</b>
<b>Speech</b>	<a href="#"><u>Demonstrated proficiency in speech skills</u></a>	<b>One-half credit from either of the following:</b> <ul style="list-style-type: none"> <li>Communication Applications</li> <li>Professional Communications (CTE)</li> </ul>	<b>One-half credit from either of the following:</b> <ul style="list-style-type: none"> <li>Communication Applications</li> <li>Professional Communications (CTE)</li> </ul>	<b>One-half credit from either of the following:</b> <ul style="list-style-type: none"> <li>Communication Applications</li> <li>Professional Communications (CTE)</li> </ul>
<b>Electives</b>	<b>Five credits</b>	<b>Seven and one half credits (one must be an academic elective)</b>	<b>Five and one-half credits</b>	<b>Four and one-half credits</b>
<b>Total Credits</b>	22	22	26	26

\* Only available for students who entered grade 9 before the 2014-2015 school year



# Side-by-Side Comparison: Graduation Program Options to be Implemented Beginning in 2014-2015

<b>Endorsements</b>	<b>A student may earn an endorsement by successfully completing</b> <ul style="list-style-type: none"> <li>• curriculum requirements for the endorsement</li> <li>• a total of four credits in mathematics</li> <li>• a total of four credits in science</li> <li>• two additional elective credits</li> </ul>
<b>STEM</b>	A coherent sequence or series of courses selected from one of the following: <ul style="list-style-type: none"> <li>• CTE courses with a final course from the STEM career cluster</li> <li>• Computer science</li> <li>• Mathematics</li> <li>• Science</li> <li>• A combination of no more than two of the categories listed above</li> </ul>
<b>Business and Industry</b>	A coherent sequence or series of courses selected from one of the following: <ul style="list-style-type: none"> <li>• CTE courses with a final course from the Agriculture, Food, &amp; Natural Resources; Architecture &amp; Construction; Arts, Audio/Video, Technology &amp; Communications; Business Management &amp; Administration; Finance; Hospitality &amp; Tourism; Information Technology; Manufacturing, Marketing; Transportation, or Distribution &amp; Logistics CTE career cluster</li> <li>• The following English electives: public speaking, debate, advanced broadcast journalism including newspaper and yearbook</li> <li>• Technology applications</li> <li>• A combination of credits from the categories listed above</li> </ul>
<b>Public Services</b>	A coherent sequence or series of courses selected from one of the following: <ul style="list-style-type: none"> <li>• CTE courses with a final course from the Education &amp; Training; Government &amp; Public Administration; Health Science, Human Services; or Law, Public Safety, Corrections, and Security career cluster</li> <li>• JROTC</li> </ul>
<b>Arts and Humanities</b>	A coherent sequence or series of courses selected from one of the following: <ul style="list-style-type: none"> <li>• Social studies</li> <li>• The same language in Languages Other Than English</li> <li>• Two levels in each of two language in Languages Other Than English</li> <li>• American Sign Language (ASL)</li> <li>• Courses from one or two categories (art, dance, music, and theater) in fine arts</li> <li>• English electives that are not part of Business and Industry</li> </ul>
<b>Multidisciplinary Studies</b>	A coherent sequence or series of courses selected from one of the following: <ul style="list-style-type: none"> <li>• Four advanced courses that prepare a student to enter the workforce successfully or postsecondary education without remediation from within one endorsement area or among endorsement areas that are not in a coherent sequence</li> <li>• Four credits in each of the four foundation subject areas to include English IV and chemistry and/or physics</li> <li>• Four credits in AP, IB, or dual credit selected from English, mathematics, science, social studies, economics, languages other than English, or fine arts</li> </ul>
	<b>Total Credits w/endorsement - 26</b>
<b>Distinguished Level of Achievement</b>	<ul style="list-style-type: none"> <li>• A total of four credits in math, including credit in Algebra II</li> <li>• A total of four credits in science</li> <li>• Completion of curriculum requirements for at least one endorsement</li> </ul>
<b>Performance Acknowledgments</b>	<ul style="list-style-type: none"> <li>▪ For outstanding performance <ul style="list-style-type: none"> <li>• in a dual credit course</li> <li>• in bilingualism and biliteracy</li> <li>• on an AP test or IB exam</li> <li>• on the PSAT, the ACT-Plan, the SAT, or the ACT</li> </ul> </li> <li>▪ For earning a nationally or internationally recognized business or industry certification or license</li> </ul>



Advanced Academics



## Advanced Placement (AP) Courses

Course	Description
<b>AP English Language and Composition</b>	The AP English Language and Composition course aligns to the introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text from many disciplines and historical periods.
<b>AP English Literature and Composition</b>	The AP English Literature and Composition course aligns to the introductory college-level literary analysis course. The course engages students in the close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, symbolism, and tone. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works.
<b>AP Human Geography</b>	The AP Human Geography course is equivalent to an introductory college-level course in human geography. The course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. The curriculum reflects the goals of the National Geography Standards (2012).
<b>AP United States History</b>	The AP U.S. History course focuses on the development of historical thinking skills (chronological reasoning, comparing and contextualizing, crafting historical arguments using historical evidence, and interpreting and synthesizing historical narrative) and the development of students' abilities to think conceptually about U.S. history from approximately 1491 to the present. Seven themes of equal importance – American and Nation Identity; Migration and Settlement; Politics and Power; Work, Exchange, and Technology; America in the World; Geography and the Environment; and Culture and Society – provide areas of historical inquiry for investigation throughout the course. These require students to reason historically about continuity and change over time and make comparisons among various historical developments in different times and places. The course also allows teachers flexibility across nine different periods of U.S. history to teach topics of their choice in depth.
<b>AP Macroeconomics</b>	AP Macroeconomics is an introductory college-level course that focuses on the principles that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determine; it also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts.
<b>AP United Government and Politics</b>	AP United States Government and Politics introduces students to key political ideas, institutions policies, interactions, roles, and behaviors that characterize the political culture of the United States. The course examines politically significant concepts and themes, through which students learn to apply disciplinary reasoning assess causes and consequences of political events, and interpret data to develop evidence-based arguments.
<b>AP Calculus AB</b>	AP Calculus AB is roughly equivalent to a first semester college calculus course devoted to topics in differential and integral calculus. The AP course covers topics in these areas, including concepts and skills of limits, derivatives, definite integrals, and the Fundamental Theorem of Calculus. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions.
<b>AP Biology</b>	AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes — energy and communication, genetics, information transfer, ecology, and interactions.
<b>AP Environmental Science</b>	The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental Science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography.

<b>AP Spanish Language and Culture</b>	The AP Spanish Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP Spanish Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in Spanish. The AP Spanish Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions).
<b>AP Spanish Literature and Culture</b>	The AP Spanish Literature and Culture course uses a thematic approach to introduce students to representative texts (short stories, novels, poetry, and essays) from Peninsular Spanish, Latin American, and United States Hispanic literature. Students develop proficiencies across the full range of communication modes (interpersonal, presentational, and interpretive), thereby honing their critical reading and analytical writing skills. Literature is examined within the context of its time and place, as students reflect on the many voices and cultures present in the required readings. The course also includes a strong focus on cultural connections and comparisons, including exploration of various media (e.g. art, film, articles, literary criticism).
<b>AP Computer Science Principles</b>	AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles also gives students the opportunity to use current technologies to create computational artifacts for both self-expression and problem solving. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science.
<b>AP Studio Art</b>	The AP Studio Art Program consists of three portfolio exams—2-D Design, 3-D Design, and Drawing—corresponding to the college foundation courses. Portfolios allow flexibility of coursework while guiding students to produce college-level quality, artistic investigation, and breadth of work. The Drawing portfolio addresses issues such as line quality, light and shade, rendering of form, composition, surface manipulation, the illusion of depth, and mark-making. Students' portfolios demonstrate skills and ideas developed, refined, and applied throughout the course to produce visual compositions. Students may choose to submit any or all of the portfolios. Portfolios are evaluated based on standardized scoring descriptors aligned with skills and understanding developed in college foundation courses.
<b>AP Music Theory</b>	AP Music Theory corresponds to two semesters of a typical introductory college music theory course covering topics such as musicianship, theory, musical materials, and procedures. Students develop the ability to recognize, understand, and describe basic materials and processes of music that are heard or presented in a score. Development of aural skills is a primary objective. Students understand basic concepts and terminology by listening to and performing a wide variety of music.



## Dual Credit (DC) Courses

Course	Description
<b>ENGL 1301 Freshman Composition I</b>	Intensive study of and practice in writing processes, from invention and researching to drafting, revising, and editing, both individually and collaboratively. Emphasis on effective rhetorical choices, including audience, purpose, arrangement, and style. Focus on writing the academic essay as a vehicle for learning, communicating, and critical analysis.
<b>ENGL 1302 Freshman Composition II</b>	Intensive study of and practice in the strategies and techniques for developing research-based expository and persuasive texts. Emphasis on effective and ethical rhetorical inquiry, including primary and secondary research methods; critical reading of verbal, visual, and multimedia texts; systematic evaluation, synthesis, and documentation of information sources; and critical thinking about evidence and conclusions.
<b>ENGL 2322 British Literature I</b>	A survey of the development of British Literature from the Anglo-Saxon period to the Eighteenth Century. Students will study works of prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts will be selected from a diverse group of authors and traditions.
<b>ENGL 2323 British Literature II: Romanticism to the Present</b>	A survey of the development of British literature from the Romantic period to the present. Students will study works of prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts will be selected from a diverse group of authors and traditions.
<b>MATH 1414 College Algebra</b>	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.
<b>HIST 1301 United States History I</b>	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 period. United States History I includes the study of pre-Columbian, colonial, revolutionary, early national, slavery and sectionalism, and the Civil War/Reconstruction eras. Themes that may be addressed in United States History I include: American settlement and diversity, American culture, religion, civil and human rights, technological change, economic change, immigration and migration, and creation of the federal government.
<b>HIST 1302 United States History II</b>	A survey of the social, political, economic, cultural, and intellectual history of the United States from the Civil War/Reconstruction era to the present. United States History II examines industrialization, immigration, world wars, the Great Depression, Cold War and post-Cold War eras. Themes that may be addressed in United States History II include: American culture, religion, civil and human rights, technological change, economic change, immigration and migration, urbanization and suburbanization, the expansion of the federal government, and the study of U.S. foreign policy.
<b>GOVT 2305 Federal Government</b>	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 rights.
<b>ECON 1301 Economics with Emphasis on Free Enterprise</b>	A survey of microeconomic and macroeconomic principles for non-business majors. Microeconomic topics will include supply and demand, consumer behavior, price, and output decisions by firms under various market structures, factor markets, market failures, international trade, and exchange rates. Macroeconomic topics will include national income, unemployment, inflation, business cycles, aggregate supply and demand, monetary and fiscal policy, and economic growth.
<b>HAMG 1340 Hospitality Legal Issues</b>	A course in the legal and regulatory requirements that impact the hospitality industry. Topics include Occupational Safety and Health Administration (OSHA), labor regulations, tax laws, tip reporting, franchise regulations, and product liability laws. The student will explain the basic legal principles governing the various laws governing the hospitality industry, and explain the legal environment in which hotels and restaurants must exist.
<b>HAMG 1170 Professionalism in the Hospitality Industry</b>	This course will begin with an overview of professionalism and will focus on the necessity of professional behavior at work and in personal life settings. Attention will be paid to the following: appearance, punctuality, dependability, honesty, loyalty, diligence, being responsible, displaying good manners, and utilizing good written and verbal communication skills.
<b>FDNS 1301 Introduction to Foods</b>	A study of the composition of food and the chemical and biological changes that occur in storage and processing. Includes preparation techniques and selection principles.
<b>CHEF 1301 Basic Food Preparation</b>	A study of the fundamental principles of food preparation and cookery to include Brigade System, cooking techniques, material handling, heat transfer, sanitation, safety, nutrition, and professionalism.
<b>CHEF 1205 Sanitation and Safety</b>	A study of personal cleanliness; sanitary practices in food preparation; causes, investigation, control of illness cause by food contamination (Hazard Analysis Critical Control Points); and work place safety standards.



## OnRamps Dual Enrollment (DE) Courses

OnRamps is an innovative Dual Enrollment (DE) and professional development initiative led by The University of Texas at Austin. Founded in 2011 in partnership with the Texas Higher Education Leaders Consortium, and supported by generous funding from the Texas Legislature, OnRamps is dedicated to preparing high school students for postsecondary student success.

OnRamps seeks to increase the number and diversity of students who engage in learning experience aligned with the expectations of leading research universities.

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. All OnRamps courses can be applied to the Texas Common Core and are guaranteed to transfer to any public institution in Texas. OnRamps incorporates an organized data and action analytics approach to support students, teachers, and districts in their pursuit of educational excellence.

Course	Description
<b>Mechanics, Heat, and Sound: General Physics Technical Course I</b>  <b>Prerequisite:</b> Algebra I and Geometry <b>Transferability:</b> PHYS 1301	Mechanics, Heat, and Sound introduces big ideas in physics, such as Newtonian mechanics, which describes objects changing their state of motion because of forces causing them to accelerate. Taken together, the topics reinforce the general idea that the behavior of many objects 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. Students will practice problem-solving and analyzing physical situations involving motion, force, energy, rotations, heat, oscillations, waves, and sound. They will explore concepts in small groups, develop ideas, and explain them. The course lays the groundwork for college majors including engineering, physics, chemistry, or mathematics. Students will experience high-quality curriculum designed by the faculty at UT Austin. Students can earn three hours of UT credit with feedback and assessment provided by UT course staff.
<b>Electromagnetism, Optics, and Nuclear Physics: General Physics Technical Course II</b>  <b>Prerequisite:</b> General Physics Technical Course I, Algebra II and Geometry <b>Transferability:</b> PHYS 1302	Electromagnetism, Optics, and Nuclear Physics serves as an introduction to electricity, magnetism, optics, waves, and quantum and nuclear physics. Students will explore how electric, magnetic, and electromagnetic effects arise from static, uniformly moving, and accelerating charges, respectively. Students will obtain practical experience with electrical circuits and optical devices, while also investigating modern physical phenomena including quanta of light (photons) and the properties of the atomic nucleus. Students will appreciate how scientific inquiry reveals the fundamental principles of the universe and how these principles are applied to the invention of technologies that shape the modern world. This is the second in a sequence of algebra-based (non-calculus) courses that fulfills a general physics requirement. Students will develop critical thinking, empirical, and quantitative skills through problem solving and analyzing physical situations.
<b>Discovery Pre-Calculus: Preparation for Calculus</b>  <b>Prerequisite:</b> Algebra II <b>Transferability:</b> Math 2312	In Discovery Pre-Calculus, 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 to push students well beyond "drill and kill" type exercises, with an emphasis on unpacking mathematical definitions and making logical arguments to their peers. The course is divided into seven units. Each unit consists of a series of explorations designed to engage students and empower them to develop their problem-solving skills. In each exploration, students will create connections with prior concepts in developing the current topic. Students will experience high-quality curriculum designed by the faculty at The University of Texas at Austin. Students can earn three hours of UT credit with feedback and assessment provided by UT course staff.
<b>Data, Modeling, and Inference: Statistics</b>  <b>Prerequisite:</b> Algebra II <b>Transferability:</b> Math 2312	OnRamps Statistics is a dual-enrollment data analysis course for high school juniors and seniors seeking to develop the quantitative reasoning skills and habits of mind necessary to succeed in the higher education environment. This course will target conceptual understanding and hone highly relevant mathematical skills through scaffolded introduction to statistical methodologies, informal game play, and strategic lab exercises that engage students in hands-on analysis of real data. Valuable programming and coding skills are acquired as a means to conducting these analyses, giving students a solid foundation in data science. Team-based problem solving is highly valued, and assessments will guide students through self-reflective analyses of their own preparedness and depth of understanding. Students will experience high-quality curriculum designed by the faculty at The University of Texas at Austin. Students can earn three hours of UT credit with feedback and assessment provided by UT course staff.

<p><b>College Algebra</b></p> <p><b>Prerequisite:</b> Algebra I and Geometry  <b>Transferability:</b> Math 1314</p>	<p>In this course, students deepen their critical thinking skills and develop their ability to persist through challenges as they explore function families: Linear, Absolute Value, Quadratic, Polynomial, Radical, Rational, Exponential, and Logarithmic. Students analyze data algebraically and with technology while developing their knowledge of properties of functions, matrices and systems of equations, and complex numbers. The pedagogy of the course, Inquiry-Based Learning, encourages students to take an active role in the construction of their learning. This learning will be accomplished by abstraction, generalization, problem-solving, and modeling.</p>
<p><b>College Chemistry: Principles of Chemistry I and Introduction to Chemical Practices I</b></p> <p><b>Prerequisite:</b> High School Chemistry  <b>Transferability:</b> CH 301 &amp; CH 104M</p>	<p>Principles of Chemistry I addresses the nature of matter, energy, chemical reactions, and chemical thermodynamics. The course begins with a review of 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.</p>





## Early College High School (ECHS) Courses

Early College High Schools (ECHS) are established through partnerships between school districts and colleges that are innovatively designed to blend high school and college education using a dual credit framework. The schools are designed for high school students to simultaneously earn a high school diploma and an associate degree (or up to two years of credit toward a bachelor's degree).

Course	Description
<b>EDUC 1300</b>	All first-year students are required to complete a Learning Frameworks course (EDUC 1300) designed to help them successfully transition to college. EDUC courses offer techniques in life-long learning, creative and critical thinking, time management, test and note-taking, studying, career planning, and building lasting relationships.
<b>ARTS 1301</b>	Presents and introduction to the exploration of purposes and processes in the visual arts including evaluation of selected works.
<b>SPEECH 1311</b>	This course focuses on theories and practice of communication in interpersonal, small group and public speech. Students learn about communication theory, improve skills in communication with others, and make formal oral presentations.
<b>SOCI 1301</b>	Introduction to the concepts and principles used in the study of group life, social institutions, and social processes.
<b>ENGL 1301</b>	Intensive study of and practice in writing processes, from invention and researching to drafting, revising, and editing, both individually and collaboratively. Emphasis on effective rhetorical choices, including audience, purpose, arrangement, and style. Focus on writing the academic essay as a vehicle for learning, communicating, and critical analysis.
<b>ENGL 1302</b>	Intensive study of and practice in the strategies and techniques for developing research-based expository and persuasive texts. Emphasis on effective and ethical rhetorical inquiry, including primary and secondary research methods; critical reading of verbal, visual, and multimedia texts; systematic evaluation, synthesis, and documentation of information sources; and critical thinking about evidence and conclusions.
<b>HIST 1301</b>	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 period. United States History I includes the study of pre-Columbian, colonial, revolutionary, early national, slavery and sectionalism, and the Civil War/Reconstruction eras. Themes that may be addressed in United States History I include: American settlement and diversity, American culture, religion, civil and human rights, technological change, economic change, immigration and migration, and creation of the federal government.
<b>HIST 1302</b>	A survey of the social, political, economic, cultural, and intellectual history of the United States from the Civil War/Reconstruction era to the present. United States History II examines industrialization, immigration, world wars, the Great Depression, Cold War and post-Cold War eras. Themes that may be addressed in United States History II include: American culture, religion, civil and human rights, technological change, economic change, immigration and migration, urbanization and suburbanization, the expansion of the federal government, and the study of U.S. foreign policy.
<b>SPAN 1411</b>	Introduction to the fundamentals of the Spanish language and culture in order to develop listening, speaking, reading, and writing skills.
<b>SPAN 1412</b>	Introduction to the fundamentals of the Spanish language and culture in order to develop listening, speaking, reading, and writing skills. This course is a continuation of SPAN 1411.
<b>GOVT 2305</b>	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 rights.



**JOHN F. KENNEDY**  
**EARLY COLLEGE HIGH SCHOOL**

Edgewood Independent School District  
Alamo Colleges District—Palo Alto College



**MEMORIAL**  
**EARLY COLLEGE HIGH SCHOOL**

Edgewood Independent School District  
Alamo Colleges District—Palo Alto College

	Palo Alto College	Hrs	Dual Credit High Course – EISD Course #	High School Credit
9	EDUC 1300	3	1001 MAPS DC	1
10	ARTS 1301 Art Appreciation	3	6115 ART DC	1
10	SPEECH 1311 Intro to Speech Communication	3	1677 SPEECH DC	.5
10	SOCI 1301 Intro Sociology	3	2508 SOCIOLOGY DC	.5
11	ENGL 1301 ENGL 1302 Composition I & II	6	1031 ENGLISH III DC	1
11	HIST 1301 HIST 1302 US History I & II	6	2301 US HISTORY DC	1
11	SPAN 1411 SPAN 1412 Elem Spanish I & II	8	SPANISH III DC	1
11	GOVT 2305 FEDERAL GOVT	3	2405 US GOVT DC	.5
12	ENGL 2322 ENGL 2322 British Literature I & British Literature II	6	1044 ENGLISH IV DC	1
12	SPAN 2311 SPAN 2312 Intermediate Spanish I & II	6	1141 SPANISH IV DC	1
12	MATH 1414 – College Algebra (Precal Track)	4	3162 PRE CAL DC	1
12	GEOL 1301 GEOL 1305 Earth Sciences Lecture 1 / Environmental Science Lecture	6	ENVIROMENTAL SYSTEMS DC	1
12	GOVT 2306 TX GOVERNMENT	3	SOCIAL STUDIES RESEARCH METHODS DC	.5
		60 HRS		



## Course Descriptions



## Edgewood ISD Course Descriptions

### English Language Arts

English Language Arts and Reading courses include study in the areas of reading, writing, oral and written conventions, research, listening and speaking, and comprehension. The sequence of courses taken is English I, English II, English III, and English IV. Since courses build on the previous year, it is recommended that students take no more than one core English course during the same year.

### Mathematics

The mathematics sequence of courses includes Algebra I, Geometry, Algebra II, Mathematical Models, Pre-Calculus, Calculus, and Statistics. These courses offer a variety of mathematical topics for students to develop understanding and engage in mathematical learning.

### Science

The science program is designed for students to use their senses and instruments to acquire data. Student investigations emphasize accurate observations, collection of data, analysis, and safe manipulation of laboratory apparatus and materials in the field and the laboratory. At least 40% of instructional time involves field and laboratory investigations. The science course sequence includes Biology, Chemistry, and Physics, followed by an Advanced Science.

### Social Studies

Social studies focuses on developing reflective, democratic citizenship within a global context. Social studies includes disciplines that typically classify as belonging to the social and behavioral sciences as well as history, geography, and content selected from law, philosophy, and the humanities. It also includes those courses that focus on social problems, issues, economics, and controversies. The social studies are both single-discipline and multi-discipline oriented depending upon the objectives being taught. The social studies course sequence includes World Geography, World History, US History, and Government and Economics.

### Levels of Instruction

A regular course indicates that the content is on grade level and the level of instruction meets the needs of college bound students. Advanced courses are designated as Pre-Advanced Placement (Pre-AP), Advanced Placement (AP), Dual Credit (DC), and Dual Enrollment (DE). These courses are more challenging than regular courses and often are the culminating course in a sequence of specific content studies over several years. Courses marked Pre-AP, AP, DC, and DE in the course catalog are weighted when grade points are calculated. (See GPA and Ranking Policy.) The Advanced Academics Program is a cooperative effort of high schools, colleges, and the CollegeBoard. Students are given the opportunity to show mastery in college level courses by taking AP exams in the spring term of each school year. The examination grade is sent to the colleges of the student's choice, which may grant credit, advanced placement, or both depending on institutional policies.

### Special Education

The students' Individual Education Plan (IEP) identifies the appropriate instructional setting and specifics for a student receiving services through special education courses and for special education students receiving instruction in the general education classroom, where on level Texas Essential Knowledge and Skills (TEKS) content is taught using accommodations and modifications according to the Annual Review Decision (ARD). General education teachers provide the instruction for appropriate courses. Courses in which students receive instruction in a special education setting where TEKS content are taught at the student's expected level of performance as determined by the IEP. Special education teachers will provide the instruction for these courses. The activities reflect the IEP as specified for each student's education level or programming needs per ARD decisions. Life unit courses introduce students to skills which promote the highest level of independent work skills in a job setting. The student will learn functional academics, to include math, reading, and writing. In addition, job skills will be taught using structure teaching components; such as work systems and visual daily schedules. The student will develop appropriate fine motor skills needed to accomplish independent work related skills.



## English Language Arts and Reading

Four Units of English are required for ALL graduation plans. The sequence of English courses taken is English I, English II, English III, and English IV. Since course build on the previous year, it is recommended that students take no more than one core English course during the same term.

Course	Description
<b>1010 English I</b> Grade Level: 9 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: 03220100	English I is designed to provide students the opportunity to increase and refine their communication skills. Reading, writing, listening, and speaking skills are integrated into the units of study. Students practice all forms of writing and read extensively in multiple genres. Upon successful completion of English I, the met speech requirement will be annotated on the student transcript (AAR).
<b>1012 English I Pre-AP</b> Grade Level: 9 Prerequisite: None Credit: 1 credit Weight: Pre-AP (+5 points) Service ID: 03220100	English I Pre-AP covers the same essential knowledge and skills as English I. The basic concepts are expanded and extended. There is more opportunity for independent practice and the creation of products. Students will need to complete a summer reading requirement. Failure to complete the summer reading assignment will affect the student's first quarter grade and may result in removal from the course. This course includes Pre-Advanced Placement studies and qualifies as a course for the Gifted and Talented (GT) Program. GT students will be provided differentiated instruction to meet their special needs.
<b>1020 English II</b> Grade Level: 10 Prerequisite: English I Credit: 1 credit Weight: Regular Service ID: 03220200	English II is a course that builds upon the study of English I with additional reading, writing, listening, and speaking skills integrated into the units of study as students continue to increase and refine their communication skills to include all forms of writing. Students increase their understanding of literary terms dealing with literature and language.
<b>1022 English II Pre-AP</b> Grade Level: 10 Prerequisite: English I Credit: 1 credit Weight: Pre-AP (+5 points) Service ID: 03220200	English II Pre-AP covers the same knowledge and skills as English II with extensive analysis of literature. Students experience advanced and varied writing situations, the focus of the course is the critical analysis of literature. Student will need to complete a summer reading requirement. Failure to complete the summer reading assignment will affect the student's first quarter grade and may result in removal from the course. This course includes pre-Advanced Placement studies and qualifies as a course for the Gifted and Talented Program. GT students will be provided differentiated instruction to meet their special needs.
<b>1030 English III</b> Grade Level: 11 Prerequisite: English II Credit: 1 credit Weight: Regular Service ID: 03220300	English III is a course designed to provide students the opportunity to increase and refine their communication skills with additional reading, writing, listening, and speaking skills integrated into the units of study. Students practice all forms of writing with an emphasis placed on technical and business forms of writing. English III is a survey of American Literature from the pre-colonial period to the present.
<b>1032 AP English III (English Language and Composition)</b> Grade Level: 11 Prerequisite: English II Credit: 1 credit Weight: AP (+10 points) Service ID: A3220100	English III AP covers the same essential knowledge and skills as English III with a focus of expository, analytical, and argumentative modes of writing and research as well as American and world literature studied in greater depth and sophistication. Students will prepare for college entrance tests and college course work. Students are required to complete a summer reading project. Failure to complete the summer reading project will affect the student's first quarter grade and may result in removal from the course. Students are required to take the Advanced Placement exam in English Language and Composition as this may lead to awarded college credit dependent on the acceptance by the college or university to earn college credit at the completion of this course. English III AP qualifies as a course for the Gifted and Talented (GT) Program. GT students will be provided differentiated instruction to meet their special needs.
<b>1032 English III DC (ENGL 1301/1302)</b> Grade Level: 11 Prerequisite: English II and Completion of EISD/PAC Guidelines including TSI Credit: 1 credit Weight: DC (+10 points) Service ID: 03220300	English III DC covers the same essential knowledge and skills as English III classes, with a focus on composition, but additional reading, writing, listening, and speaking skills are integrated into the units of study. English III DC students are expected to write in a variety of forms. Students may need to complete a summer reading requirement. Upon successful completion of this course with a score of 80% or higher, students will receive college credit from Palo Alto College. This course qualifies as a course for the Gifted and Talented (GT) Program. GT students will be provided differentiated instruction to meet their special needs.
<b>1040 English IV</b> Grade Level: 12 Prerequisite: English III Credit: 1 credit Weight: Regular Service ID: 03220400	English IV is a course designed for students to continue to increase and refine their communication skills. Additional reading, writing, listening, and speaking skills are integrated into the units of study. Effective writing in the expository, analytical, and argumentative modes, as well as critical reading of British and world literature will be studied in greater depth.

<b>1042 AP English IV (English Literature and Composition)</b> <b>Grade Level: 11</b> <b>Prerequisite: English III</b> <b>Credit: 1 credit</b> <b>Weight: AP (+10 points)</b> <b>Service ID: A3220200</b>	English IV AP covers the same essential knowledge and skills as English IV. Effective writing in the expository, analytical, and argumentative modes as well as critical reading of British and world literature will be studied in greater depth. Students will prepare for college entrance tests and college course work. Students are required to take the Advanced Placement exam to earn college credit at the completion of this course. English IV AP qualifies as a course for the Gifted and Talented (GT) program. GT students will be provided differentiated instruction to meet their special needs.
<b>1042 English IV DC (ENGL 1301/1302)</b> <b>Grade Level: 12</b> <b>Prerequisite: English III and Completion of EISD/PAC Guidelines including TSI</b> <b>Credit: 1 credit</b> <b>Weight: DC (+10 points)</b> <b>Service ID: 03220400</b>	English IV DC covers the same essential knowledge and skills as English IV, and the focus of the course is on composition, with additional reading, writing, listening, and speaking skills integrated into the units of study. Effective writing in the expository, analytical, and argumentative modes as well as critical reading of British and world literature will be studied in greater depth. Students may need to complete a summer reading requirement. Upon successful completion of this course with a score of 80% or higher, a student will receive college credit from Palo Alto College. This course qualifies as a course for the Gifted and Talented (GT) Program. GT students will be provided differentiated instruction to meet their special needs.
<b>1044 English IV DC (ENGL 2322/2323)</b> <b>Grade Level: 12</b> <b>Prerequisite: English III DC and Completion of EISD/PAC Guidelines including TSI</b> <b>Credit: 1 credit</b> <b>Weight: DC (+10 points)</b> <b>Service ID: 03220400</b>	English IV DC covers the same essential knowledge and skills as English IV, and the focus of the course is on composition, with additional reading, writing, listening, and speaking skills integrated into the units of study. Effective writing in the expository, analytical, and argumentative modes as well as critical reading of British and world literature will be studied in greater depth. Students may need to complete a summer reading requirement. Upon successful completion of this course with a score of 80% or higher, a student will receive college credit from Palo Alto College. This course qualifies as a course for the Gifted and Talented (GT) Program. GT students will be provided differentiated instruction to meet their special needs.
<b>1020 College Prep ELA</b> <b>Grade Level: 12</b> <b>Prerequisite: Enrollment based on TSI results</b> <b>Credit: 1 credit</b> <b>Weight: Regular</b> <b>Service ID: CP110100</b>	This is a college preparatory course designed to extend the understanding of English Language Arts concepts. The necessary components of grammar, persuasion, and argumentation needed for success in college are reviewed. Application of abstract and analytical thinking skills, advanced vocabulary, and writing skills are stressed. This course qualifies as a fourth year course for graduation requirements and focuses on those English Language Arts (ELA) skills necessary to pass the ELA placement tests at colleges, technical schools, and area community colleges. Upon successful completion of this course with a score of 75% or higher, a student will be considered college-ready in ELA.
<b>1006 ESOL I</b> <b>Grade Level: 9</b> <b>Prerequisite: LPAC placement</b> <b>Credit: 1 credit</b> <b>Weight: Regular</b> <b>Service ID: 03220600</b>	English for Speakers of Other languages I (ESOL I) is designed to provide students the opportunity to increase and refine their communication skills. Reading, writing, listening, and speaking skills are integrated into the units of study. Students practice all forms of writing and read extensively in multiple genres. ESOL I is only for immigrant students with limited English Proficiency. Successful completion of this course with a score of 70% or higher satisfies the English I graduation requirement.
<b>1036 ESOL II</b> <b>Grade Level: 10</b> <b>Prerequisite: ESOL I and LPAC placement</b> <b>Credit: 1 credit</b> <b>Weight: Regular</b> <b>Service ID: 03220700</b>	English for Speakers of Other languages II (ESOL II) builds on the studies in ESOL I. Additional reading, writing, listening, and speaking skills are integrated into the units of study as students continue to increase and refine their communication skills. Students practice all forms of writing, with an emphasis on persuasive writing and read extensively in multiple genres. Students learn more academic terms dealing with literature and language. ESOL II is only for immigrant students with limited English Proficiency. Successful completion of this course with a score of 70% or higher satisfies the English II graduation requirement.
<b>1608 Professional Communications</b> <b>Grade Level: 9-12</b> <b>Prerequisite: Placement</b> <b>Credit: .5 credit</b> <b>Weight: Regular</b> <b>Service ID: 13009900</b>	Professional Communications blends written, oral, and graphic communication in a career-based environment. Students will be expected to develop and expand the ability to write, read, edit, speak, listen, apply software applications, manipulate computer graphics, and conduct internet research.
<b>1410 Reading I</b> <b>Grade Level: 9-12</b> <b>Prerequisite: Placement</b> <b>Credit: 1 credit</b> <b>Weight: Regular</b> <b>Service ID: 03270700</b>	Reading I offers students instruction in word recognition, comprehension strategies and vocabulary to ensure that they have an opportunity to read with confidence and understanding. Students are given opportunities to locate information in varied sources, to read critically, to evaluate sources, and to draw supportable conclusions. Students learn how various texts are organized and how authors choose language for effect. All of these strategies are applied in tests that cross the subject fields. This course is not to be substituted for any of the four units of English required for graduation.

<b>1415 Reading II</b> Grade Level: 9-12 Prerequisite: Placement Credit: 1 credit Weight: Regular Service ID: 03270800	Reading II offers students continued instruction in word recognition, comprehension strategies and vocabulary to ensure that they have an opportunity to read with confidence and understanding. Students are given opportunities to locate information in varied sources, to read critically, to evaluate sources, and to draw supportable conclusions. Students learn how various texts are organized and how authors choose language for effect. All of these strategies are applied in tests that cross the subject fields. This course is not to be substituted for any of the four units of English required for graduation.
<b>1420 Reading III</b> Grade Level: 9-12 Prerequisite: Placement Credit: 1 credit Weight: Regular Service ID: 03270900	Reading III offers students continued instruction in word recognition, comprehension strategies and vocabulary to ensure that they have an opportunity to read with confidence and understanding. Students are given opportunities to locate information in varied sources, to read critically, to evaluate sources, and to draw supportable conclusions. Students learn how various texts are organized and how authors choose language for effect. All of these strategies are applied in tests that cross the subject fields. This course is not to be substituted for any of the four units of English required for graduation.
<b>1545 Practical Writing</b> Grade Level: 9-12 Prerequisite: Placement Credit: .5 credit Weight: Regular Service ID: 03221300	Practical writing provides practice in effective writing needed for daily situations, e.g. application forms, written complaints, inquiries, and note taking.
<b>1530 Journalism</b> Grade Level: 9-12 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: 03230100	Journalism includes a study of the basic feature of journalism, the introduction to special techniques of journalistic writing, and writing to fulfill a variety of assignments.
<b>1532 Advanced Journalism I: Yearbook</b> Grade Level: 10 Prerequisite: Journalism Credit: 1 credit Weight: Regular Service ID: 03230110	This course continues the study of the specific features and special techniques of journalism in the design, production, and distribution of the school yearbook.
<b>1534 Advanced Journalism II: Yearbook</b> Grade Level: 10-12 Prerequisite: Advanced Journalism I Credit: 1 credit Weight: Regular Service ID: 03230120	This course continues the study of the specific features and special techniques of journalism in the design, production, and distribution of the school yearbook.
<b>1536 Advanced Journalism III: Yearbook</b> Grade Level: 11-12 Prerequisite: Advanced Journalism II Credit: 1 credit Weight: Regular Service ID: 03230130	This course continues the study of the specific features and special techniques of journalism in the design, production, and distribution of the school yearbook.
<b>1533 Advanced Journalism I: Newspaper</b> Grade Level: 10 Prerequisite: Journalism Credit: 1 credit Weight: Regular Service ID: 03230140	This course continues the study of the specific features and special techniques of journalism in the design, production, and distribution of the school newspaper.
<b>1535 Advanced Journalism II: Newspaper</b> Grade Level: 10-12 Prerequisite: Advanced Journalism I Credit: 1 credit Weight: Regular Service ID: 03230150	This course continues the study of the specific features and special techniques of journalism in the design, production, and distribution of the school newspaper.



<b>1537 Advanced Journalism III: Newspaper</b> Grade Level: 11-12 Prerequisite: Advanced Journalism II Credit: 1 credit Weight: Regular Service ID: 03230160	This course continues the study of the specific features and special techniques of journalism in the design, production, and distribution of the school newspaper.
<b>1670 Photo Journalism</b> Grade Level: 11-12 Prerequisite: Teacher Recommendation Credit: 1 credit Weight: Regular Service ID: 03230800	This course provides experience in photography for journalistic purposes, e.g. yearbook, camera techniques, film processing, and photocomposition skills are developed.



## Languages Other Than English (LOTE)

The Languages other than English (LOTE) courses provide the student with a variety of experiences designed to acculturate the student to the language studied. As such, students will read in a variety of forms and they will practice speaking, listening, and writing skills in the language of study. Students will study the culture of the language through a wide-range of participatory and interactive activities. The five Cs include Communication, Cultures, Connections, Comparisons, and Communities and are covered in all of the Foreign Language Courses as part of the Texas Essential Knowledge and Skills (TEKS) for LOTE. Level I language study focuses on basic grammar, reading, writing, and listening skills through the use of dialogue and writing. Level II language study focuses on more sophisticated studies of grammar and vocabulary with increasingly demanding reading, speaking, and writing exercises. Level III and Level IV language study become increasingly challenging through further refinement of grammar, vocabulary, and communication skills, while the reading of texts in the native language begins.

The Credit By Exam (CBE) may be taken by a student in order to earn credit for Levels I or II of a foreign language course. Prior recommendation by the appropriate administrator is required.

Native speakers of a foreign language may be placed in upper-level courses because of their language abilities. These students do not have to complete the lower levels in order to receive credit because the recommended plan requires any two levels of the same language. A student could possibly have Levels III and IV on his/her transcript to meet the graduation requirement. However, native speakers of Spanish may take a credit by examination to earn credit for each course skipped. Opportunities for Credentialing may also be available.

The graduation requirements for LOTE for the Foundation Plan and the Foundation Plan with Endorsements consists of any two levels in the same language for a minimum of two credits.

Course	Description
<b>1110 Spanish I</b> Grade Level: 9-12 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: 03440100	The first year Spanish course focuses on beginning recognition of new sounds through speaking and listening. Much of the work is oral, consisting of questions and answers in the language, dialogues, and a study of the culture. The study of grammar begins with reading and writing skills.
<b>1120 Spanish II</b> Grade Level: 9-12 Prerequisite: Spanish I Credit: 1 credit Weight: Regular Service ID: 03440200	The second year Spanish course continues vocabulary, dialogue, history and culture studies development. Grammar and structure are studied in more depth and the oral work begun during the first year is continued during the second. Writing and reading receive more emphasis in this course. Spanish II may be taken by incoming freshmen who pass a district-approved pre-test or who have taken Spanish I.
<b>1130 Spanish III Pre-AP</b> Grade Level: 9-12 Prerequisite: Spanish II Credit: 1 credit Weight: Pre-AP (+5 points) Service ID: 03440300	The third year Spanish course is a continuation of the focus of the first two years, but progresses to the more difficult aspects of grammar and introduces literary works. Students broaden their vocabulary and general knowledge of the Spanish-speaking countries.
<b>1150 Spanish IV AP Language</b> Grade Level: 9-12 Prerequisite: Spanish III Credit: 1 credit Weight: AP (+10 points) Service ID: A3440100	The student is required to take the AP Spanish Language test. This test is designed to allow students to earn college credit if they receive a passing score dependent on the acceptance by the college or university. This course qualifies as a course for the Gifted and Talented (GT) Program. GT students will be provided differentiated instruction to meet their special needs.
<b>1160 Spanish V AP Literature</b> Grade Level: 9-12 Prerequisite: Spanish IV AP Language Credit: 1 credit Weight: AP (+10 points) Service ID: A3440200	The student is required to take the AP Spanish Literature test. This test is designed to allow students to earn college credit if they receive a passing score dependent on the acceptance by the college or university. This course is designed to provide students with a learning experience equivalent to that of an introductory college course in literature written in Spanish. This course qualifies as a course for the Gifted and Talented (GT) Program. GT students will be provided differentiated instruction to meet their special needs.



## Mathematics

Mathematics knowledge is needed in all careers or pathways the student wishes to undertake. Mathematics consists of different topic strands that are interconnected and involve ideas accumulated over time to build a deeper level of understanding. The pathway of courses students take should lead them to increased depth of knowledge about the topics as ideas build and connect with others.

Course	Description
<b>3130 Algebra I</b> Grade Level: 9 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: 03100500	This course provides a foundation for all mathematics courses as well as for science courses. The content includes foundations of function, linear functions, quadratic and other nonlinear functions. Relations, functions, and their graphs are presented within a problem-solving context.
<b>3132 Algebra I Pre-AP</b> Grade Level: 9 Prerequisite: None Credit: 1 credit Weight: Pre-AP (+5 points) Service ID: 03100500	This course provides a foundation for all mathematics courses as well as for science courses. This course is taught at greater depth and complexity for highly motivated students. The content includes foundations of function, linear functions, quadratic and other nonlinear functions. Relations, functions, and their graphs are presented within a problem-solving context.
<b>3135 Geometry</b> Grade Level: 9-12 Prerequisite: Algebra I Credit: 1 credit Weight: Regular Service ID: 03100700	This course develops a structured mathematical system building to the mastery of the deductive reasoning process. The course includes spatial and plane geometry. Topics included are area, volume, geometric figures, coordinate geometry, constructions, and congruence and similarity, transformational geometry and geometric solids, Algebraic methods are used throughout the course and topics are presented within a problem-solving context.
<b>3140 Geometry Pre-AP</b> Grade Level: 9-12 Prerequisite: Algebra I Credit: 1 credit Weight: Pre-AP (+5 points) Service ID: 03100700	This course develops deductive and inductive reasoning processes with geometric proofs emphasized throughout the course. This course is taught at greater depth and complexity for highly motivated students. The content includes geometric patterns, dimensionality and geometry of location, congruence and the geometry of size, similarity and the geometry or shape.
<b>3145 Math Modeling with Applications</b> Grade Level: 9-12 Prerequisite: Algebra I Credit: 1 credit Weight: Regular Service ID: 03102400	This is a course for a high school student with a minimum prerequisite of Algebra I. This course is intended to reinforce, broaden, and extend the mathematical knowledge and skills acquired in Algebra I to stretch their knowledge and skills acquired in Algebra I, and Geometry in preparation for Algebra II. The primary purpose of this course is to use mathematics as a tool to model real-world phenomena in science, finance, music, and art.
<b>3150 Algebra II</b> Grade Level: 9-12 Prerequisite: Algebra I Credit: 1 credit Weight: Regular Service ID: 03100600	Concepts of first-year Algebra are extended and advanced topics are studied. Each topic is presented within a problem-solving context. Content includes foundations for functions, algebra, geometry, quadratic, square root functions, rational functions, exponential functions and logarithmic functions.
<b>3150 Algebra II Pre-AP</b> Grade Level: 9-12 Prerequisite: Algebra I Credit: 1 credit Weight: Pre-AP (+5 points) Service ID: 03100600	This section extends and further deepens the topics of the regular course by teaching the Algebra II concepts required for AP mathematics. This course is taught at greater depth and complexity for highly motivated students. Content includes foundations for functions, algebra, geometry, quadratic, square root functions, rational functions, exponential functions and logarithmic functions.
<b>3160 Pre-Calculus</b> Grade Level: 11-12 Prerequisite: Algebra I, Geometry, AND Algebra II Credit: 1 credit Weight: Regular Service ID: 03101100	This course is a study of functions, equations, and limits. It incorporates and extends topics from algebra and geometry. Topics include polynomial functions, rational, radical, exponential, and trigonometric logarithmic functions, conic sections, vectors sequences and series.

<b>3161 Pre-Calculus Pre-AP</b> Grade Level: 11-12 Prerequisite: Algebra I, Geometry, AND Algebra II Credit: 1 credit Weight: Pre-AP (+5 points) Service ID: 03101100	This course is a study of functions, equations, and limits. It incorporates and extends topics from algebra and geometry. This course is taught at greater depth and complexity for highly motivated students. Topics include polynomial functions, rational, radical, exponential, and trigonometric logarithmic functions, conic sections, vectors sequences and series.
<b>3166 OnRamps Pre-Calculus DE (M 305G Pre-Calculus)</b> Grade Level: 11-12 Prerequisite: Algebra I, Geometry, AND Algebra II Credit: 1 credit Weight: DE (+10 points) Service ID: 03101100	In Discovery Pre-Calculus, 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 to push students well beyond “drill and kill” type exercises, with an emphasis on unpacking mathematical definitions and making logical arguments to their peers. The course is divided into seven units. Each unit consists of a series of explorations designed to engage students and empower them to develop their problem-solving skills. In each exploration, students will create connections with prior concepts in developing the current topic. Students will experience high-quality curriculum designed by the faculty at The University of Texas at Austin. Students can earn three hours of UT credit with feedback and assessment provided by UT course staff.
<b>3178 Statistics</b> Grade Level: 10-12 Prerequisite: Algebra I Credit: 1 credit Weight: Regular Service ID: 03102530	Students will broaden their knowledge of variability and statistical processes. Students will study sampling and experimentation, categorical and quantitative data, probability and random variables, inference, and bivariate data.
<b>3179 OnRamps Statistics DE (SDS 302 Statistics)</b> Grade Level: 11-12 Prerequisite: Algebra I, Geometry, AND Algebra II Credit: 1 credit Weight: DE (+10 points) Service ID: 03102530	OnRamps Statistics is a dual-enrollment data analysis course for high school juniors and seniors seeking to develop the quantitative reasoning skills and habits of mind necessary to succeed in the higher education environment. This course will target conceptual understanding and hone highly relevant mathematical skills through scaffolded introduction to statistical methodologies, informal game play, and strategic lab exercises that engage students in hands-on analysis of real data. Valuable programming and coding skills are acquired as a means to conducting these analyses, giving students a solid foundation in data science. Team-based problem solving is highly valued, and assessments will guide students through self-reflective analyses of their own preparedness and depth of understanding. Students will experience high-quality curriculum designed by the faculty at The University of Texas at Austin. Students can earn three hours of UT credit with feedback and assessment provided by UT course staff.
<b>3170 AP Calculus AB</b> Grade Level: 11-12 Prerequisite: Pre-Calculus Credit: 1 credit Weight: AP (+10 points) Service ID: A3100101	This course includes differential and integral calculus with applications of previous math courses. The intent is preparation for college and/or one or more semesters of advanced placement calculus. Topics include functions, graphs, limits, derivations, integrals and their applications. Students enrolled in the course will be required to take the AP Calculus Exam offered by the CollegeBoard.
<b>3556 Advanced Quantitative Reasoning</b> Grade Level: 11-12 Prerequisite: Algebra II Credit: 1 credit Weight: Regular Service ID: 03102510	In Advanced Quantitative Reasoning (AQR), students continue to build upon the K-8, Algebra I, Algebra II, and Geometry foundations as they expand their understanding through further mathematical experiences. AQR includes the analysis of information using statistical methods and probability, modeling change and mathematical relationships, as well as spatial and geometric modeling for mathematical reasoning. Students learn to become critical consumer of real-world quantitative data, knowledgeable problem solvers who use logical reasoning and mathematical thinking who can use their quantitative skills to solve authentic problems.
<b>3200 Strategic Learning for High School Math</b> Grade Level: 9 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: N1110030	Strategic Learning for High School Math is intended to create strategic mathematical learners from underprepared mathematics students. The basic understandings will stimulate students to think about their approach to mathematical learning.
<b>3185 College Prep Math</b> Grade Level: 12 Prerequisite: Enrollment based on TSI results Credit: 1 credit Weight: Regular Service ID: CP111200	This course addresses a variety of mathematical topics needed to prepare students to be successful in college-level mathematics. Students will connect and use multiple strands of mathematics in situations and problems, as well as other disciplines. This course qualifies as the fourth year course for graduation requirements in mathematics and focuses on those math skills necessary to pass the Math placement tests at colleges, technical schools, and area community colleges. Upon successful completion of this course with a score of 75% or higher, a student will be considered college-ready in mathematics.
<b>Algebraic Reasoning</b> Grade Level: 9-12 Prerequisite: Algebra I Credit: 1 credit Weight: Regular Service ID: 03102540	Students will broaden their knowledge of functions and relationships, including linear, quadratic, square root, rational, cubic, cube root, exponential, absolute value and logarithmic functions.

<b>OnRamps College Algebra DE (UT M301)</b> <b>Grade Level:</b> 11-12 <b>Prerequisite:</b> Algebra I AND Geometry <b>Credit:</b> 1 credit <b>Weight:</b> DE (+10 points) <b>Service ID:</b> X	<p>In this course, students deepen their critical thinking skills and develop their ability to persist through challenges as they explore function families: Linear, Absolute Value, Quadratic, Polynomial, Radical, Rational, Exponential, and Logarithmic. Students analyze data algebraically and with technology while developing their knowledge of properties of functions, matrices and systems of equations, and complex numbers. The pedagogy of the course, Inquiry-Based Learning, encourages students to take an active role in the construction of their learning. This learning will be accomplished by abstraction, generalization, problem-solving, and modeling.</p>
<b>AP Computer Science Principles</b> <b>Grade Level:</b> 11-12 <b>Prerequisite:</b> Algebra II <b>Credit:</b> 1 credit <b>Weight:</b> AP (+10 points) <b>Service ID:</b> A3580300	<p>AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles also gives students the opportunity to use current technologies to create computational artifacts for both self-expression and problem solving. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science.</p>



## Science

The Science Program is designed for students to use their senses and instruments to acquire data. Students' investigations emphasize accurate observations, collection of data, analysis and safe manipulation of laboratory apparatus and materials in the field and the laboratory. At least 40% of instructional time consists of field and laboratory investigations.

Course	Description
<b>4230 Biology</b> Grade Level: 9 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: 03010200	In Biology, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Texas law requires at least 40% of instructional time consists of field and laboratory investigations.
<b>4240 Biology Pre-AP</b> Grade Level: 9 Prerequisite: GPA, STAAR Scores, and/or Teacher recommendation Credit: 1 credit Weight: Pre-AP (+5 points) Service ID: 03010200	Biology Pre-AP prepares students for success in a future AP course. The expectation is to create science students who can perform at rigorous academic levels. Students in this advanced course investigate the same topics as the Biology course, but acquire the knowledge, concepts and skills needed to engage in higher levels of learning. Texas law requires at least 40% of instructional time consists of field and laboratory investigations.
<b>4250 AP Biology</b> Grade Level: 11-12 Prerequisite: Biology and Chemistry Credit: 1 credit Weight: AP (+10 points) Service ID: A3010200	AP Biology provides motivated students with an opportunity to pursue college-level biological studies while still in high school. This course follows the CollegeBoard Biology outline. Students will be required to take the CollegeBoard Advanced Placement Exam in Biology. The laboratory activities are intensive with a high level of mathematics integration.
<b>4100 Integrated Physics and Chemistry (IPC)</b> Grade Level: 9-11 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: 03060201	This course integrates the disciplines of physics and chemistry in the following topics: force, motion, energy, and matter. In IPC, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Texas law requires at least 40% of instructional time consists of field and laboratory investigations.
<b>4370 Chemistry</b> Grade Level: 10-11 Prerequisite: Algebra I Credit: 1 credit Weight: Regular Service ID: 03040000	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 including 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. Texas law requires at least 40% of instructional time consists of field and laboratory investigations.
<b>4380 Chemistry Pre-AP</b> Grade Level: 10-11 Prerequisite: Algebra I, GPA, STAAR Scores, and/or Teacher recommendation Credit: 1 credit Weight: Pre-AP (+5 points) Service ID: 03040000	Chemistry Pre-AP prepares students for success in a future AP course. The expectation is to create science students who can perform at rigorous academic levels. Students in this advanced course investigate the same topics as the Chemistry course, but acquire the knowledge, concepts and skills needed to engage in higher levels of learning. Texas law requires at least 40% of instructional time consists of field and laboratory investigations.
<b>4300 Physics</b> Grade Level: 11-12 Prerequisite: Algebra I Credit: 1 credit Weight: Regular Service ID: 03050000	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. Texas law requires at least 40% of instructional time consists of field and laboratory investigations.

<b>4310 OnRamps Physics I DE (UT PHY 302K)</b> <b>Grade Level:</b> 11-12 <b>Prerequisite:</b> Algebra I, GPA, STAAR Scores, and/or Teacher recommendation <b>Credit:</b> 1 credit <b>Weight:</b> DE (+10 points) <b>Service ID:</b> 03050000	Mechanics, Heat, and Sound introduces big ideas in physics, such as Newtonian mechanics, which describes objects changing their state of motion because of forces causing them to accelerate. Taken together, the topics reinforce the general idea that the behavior of many objects 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. Students will practice problem-solving and analyzing physical situations involving motion, force, energy, rotations, heat, oscillations, waves, and sound. They will explore concepts in small groups, develop ideas, and explain them. The course lays the groundwork for college majors including engineering, physics, chemistry, or mathematics. Students will experience high-quality curriculum designed by the faculty at UT Austin. Students can earn three hours of UT credit with feedback and assessment provided by UT course staff.
<b>OnRamps Physics II DE (UT PHY 302L)</b> <b>Grade Level:</b> 11-12 <b>Prerequisite:</b> Algebra II, GPA, STAAR Scores, and/or Teacher recommendation <b>Credit:</b> 1 credit <b>Weight:</b> DE (+10 points) <b>Service ID:</b> X	Electromagnetism, Optics, and Nuclear Physics serves as an introduction to electricity, magnetism, optics, waves, and quantum and nuclear physics. Students will explore how electric, magnetic, and electromagnetic effects arise from static, uniformly moving, and accelerating charges, respectively. Students will obtain practical experience with electrical circuits and optical devices, while also investigating modern physical phenomena including quanta of light (photons) and the properties of the atomic nucleus. Students will appreciate how scientific inquiry reveals the fundamental principles of the universe and how these principles are applied to the invention of technologies that shape the modern world. This is the second in a sequence of algebra-based (non-calculus) courses that fulfills a general physics requirement. Students will develop critical thinking, empirical, and quantitative skills through problem solving and analyzing physical situations
<b>4551 Anatomy &amp; Physiology of Human Systems</b> <b>Grade Level:</b> 12 <b>Prerequisite:</b> Biology, Chemistry, and Physics <b>Credit:</b> 1 credit <b>Weight:</b> Regular <b>Service ID:</b> 13020600	Anatomy and Physiology of Human Systems is a Health Science Technology Education course. 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. Texas law requires at least 40% of instructional time consists of field and laboratory investigations to qualify as a fourth year option for science credit. For students entering 9 <sup>th</sup> grade in the 2012-2013 school year and thereafter, this course may only satisfy the fourth year science requirement if taken after successful completion of biology and chemistry and either after the successful completion of or concurrently with physics.
<b>4665 Forensic Science</b> <b>Grade Level:</b> 11-12 <b>Prerequisites:</b> Biology, Chemistry, and Physics <b>Credit:</b> 1 credit <b>Weight:</b> Regular <b>Service ID:</b> 13029500	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 platter analysis. Students will learn the history, legal aspects, and career options for forensic science. For students entering 9 <sup>th</sup> grade in the 2012-2013 school year and thereafter, this course may only satisfy the fourth year science requirement if taken after successful completion of biology and chemistry and either after the successful completion of or concurrently with physics.
<b>4552 Engineering Design and Problem Solving</b> <b>Grade Level:</b> 11-12 <b>Prerequisites:</b> Algebra II and Physics <b>Credit:</b> 1 credit <b>Weight:</b> Regular <b>Service ID:</b> 130037300	Engineering Design and Problem Solving is the creative process of solving problems by identifying needs and then devising solutions. Engineering design takes into consideration limiting factors or “design under constraint”. This course reinforces and integrates skills learned in previous mathematics and science courses. Engineering Design and Problem Solving emphasizes solving problems, moving from well-defined toward more open ended, with real-world application. Students apply critical-thinking skills to justify a solution from multiple design options. Additionally, the course promotes interest in and understanding of career opportunities in engineering. This course is intended to stimulate students’ ingenuity, intellectual talents, and practical skills in devising solutions to engineering design problems. Students use the engineering design process cycle to investigate, design, plan, create, and evaluate solutions. Texas law requires at least 40% of instructional time consists of field and laboratory investigations to qualify as a fourth year science credit.
<b>4801 and 4802 Scientific Research Design I and II</b> <b>Grade Level:</b> 11-12 <b>Prerequisites:</b> Biology, Chemistry, and Physics <b>Credit:</b> 1 credit <b>Weight:</b> Regular <b>Service ID:</b> 13037200, 13037210	Scientific Research Design is designed to accommodate students who perform research at high school under the direction of trained professional and for the purpose of completing science fair projects at the local, regional, state and national levels. This course is also a vehicle for innovate or focused study on special topics such as aerospace, biotechnology, forensics, or visualizations in space science courses. Texas law requires at least 40% of instructional time consists of field and laboratory investigations to qualify as a fourth year option for science credit.
<b>4461 AP Environmental Science</b> <b>Grade Level:</b> 11-12 <b>Prerequisites:</b> Algebra I, Biology, and Physics <b>Credit:</b> 1 credit <b>Weight:</b> DE (+10 points) <b>Service ID:</b> A3020000	The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental Science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography.



<b>OnRamps College Chemistry DE (UT CH 301 &amp; CH 104M)</b> <b>Grade Level:</b> 11-12 <b>Prerequisite:</b> High School <b>Chemistry</b> <b>Credit:</b> 1 credit <b>Weight:</b> DE (+10 points) <b>Service ID:</b> X	Principles of Chemistry I addresses the nature of matter, energy, chemical reactions, and chemical thermodynamics. The course begins with a review of 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.
---	---



## Social Studies and Economics

Social Studies is concerned with developing reflective, democratic citizenship within a global context, and includes the disciplines typically classified as belonging to the social and behavioral sciences as well as history, geography, and content selected from law, philosophy, and the humanities. It also includes those courses that focus on social problems, issues, and controversies. The social studies are both single-discipline and multi-discipline oriented dependent upon objectives being pursued.

Course	Description
<b>2100 World Geography Studies</b> Grade Level: 9 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: 03320100	The students examine people, places and environments at local, regional, national, and international scales from the spatial and ecological perspectives of geography. Students will use a variety of resource material such as contemporary and historic maps of various types, satellite produced images, photographs, graphs, sketches, and diagrams.
<b>2101 World Geography Studies Pre-AP</b> Grade Level: 9 Prerequisite: None Credit: 1 credit Weight: Pre-AP (+5 points) Service ID: 03320100	This course provides the students with the opportunities to study the five themes of geography; location, place, relationship, with places, movements, and regions. The course enables students to understand the importance of patriotism, function in a free enterprise society, and appreciation of the basic democratic values of our state and nation. Student may need to complete a summer reading requirement. This course qualifies as a course for the Gifted and Talented (GT) Program. GT students will be provided differentiated instruction to meet their special needs.
<b>2200 World History Studies</b> Grade Level: 10 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: 03340400	This course includes further study of the history and development of world cultures that students encountered through the elementary grades and earlier secondary social studies courses. Content includes the development of early civilization, and other world regions from their early days to the present. The course provides students the opportunity to compare and analyze various ways of life. Cultural patterns that reflect the diversity and commonality of human experiences and the understanding of how patterns occur are also presented. A geographic influence on world history is also a part of the study.
<b>2201 World History Studies Pre-AP</b> Grade Level: 10 Prerequisite: None Credit: 1 credit Weight: Pre-AP (+5 points) Service ID: 03340400	This course provides the student the opportunity to evaluate the causes and effect of political and economic imperialism and of major political revolutions since the 17 <sup>th</sup> century. Students analyze the connection between major developments in science, technology, and the growth of industrial economies as they use the process of historical inquiry to research, interpret, and use multiple sources of evidence. Students may need to complete a summer reading requirement. This course qualifies as a course for the Gifted and Talented (GT) Program. GT students will be provided differentiated instruction to meet their special needs.
<b>2202 AP World History</b> Grade Level: 10 Prerequisite: None Credit: 1 credit Weight: AP (+10 points) Service ID: A3370100	AP World History is a college level course for advanced students interested in studying the history and development of world cultures and how this development affects the process of modern globalization. The course is designed as rigorous examination of those historical dynamics and components of world civilization as it is currently evolving. Students will be required to complete a summer reading project and failure to complete the summer reading will affect the students' first quarter grade and may result in the removal of the course. All students are required to take the AP exam. Research methodology, term papers, statistical analysis, college level readings, and classroom presentations will form the curriculum foundation. This course qualifies as a course for the Gifted and Talented (GT) Program. GT students will be provided differentiated instruction to meet their special needs.
<b>2300 United States History Since Reconstruction</b> Grade Level: 11 Prerequisite: World Geography or World History Credit: 1 credit Weight: Regular Service ID: 03340100	Content for the second year of study of United States history includes significant individuals, issues, and events after the period of Reconstruction to the present. The course continues the focus from grade 8 on the history, geography, politics, and economics of the nation. It also continues the theme of cultural pluralism as a characteristic of American society, past and present. Students study the emergence of the United States as a world power. They learn how geography influences historical developments, analyze economic development and growth, understand the nation's social and cultural developments, and study the political development of the United States from Reconstruction to the present.

<b>2300 Pre-AP United States History Since Reconstruction</b> Grade Level: 9 Prerequisite: None Credit: 1 credit Weight: Pre-AP Service ID: 03340100	Content for the second year of study of United States history includes significant individuals, issues, and events after the period of Reconstruction to the present. The course continues the focus from grade 8 on the history, geography, politics, and economics of the nation. It also continues the theme of cultural pluralism as a characteristic of American society, past and present. Students study the emergence of the United States as a world power. They learn how geography influences historical developments, analyze economic development and growth, understand the nation's social and cultural developments, and study the political development of the United States from Reconstruction to the present.
<b>2301 United States History DC (HIST 1301/1302)</b> Grade Level: 11-12 Prerequisite: EISD/ACCD guidelines including TSI requirements Credit: 1 credit Weight: DC (+10 points) Service ID: 03340100	Content for the second year of study of United States history includes significant individuals, issues, and events after the period of Reconstruction to the present. The course continues the focus from grade 8 on the history, geography, politics, and economics of the nation. It also continues the theme of cultural pluralism as a characteristic of American society, past and present. Students study the emergence of the United States as a world power. They learn how geography influences historical developments, analyze economic development and growth, understand the nation's social and cultural developments, and study the political development of the United States from Reconstruction to the present. This course qualifies as a course for the Gifted and Talented (GT) Program. GT students will be provided differentiated instruction to meet their special needs. With successful completion of the course and a grade of 80% or higher, students will be granted college credit by Palo Alto College. This is a college level curriculum that is designed to award high school credit for United States History and college credit for American History (HIST1301 and American History (HIST1302 upon successful completion of each term respectively and concurrently.
<b>2302 AP United States History</b> Grade Level: 11 Prerequisite: World Geography or World History Credit: 1 credit Weight: AP (+10 points) Service ID: A3340100	AP United States History is a college level course for advanced students and includes significant individuals, issues, and events beginning with the discovery and settlement of the New World. Students will assess historical materials and weigh the evidence and interpretations presented in historical scholarship. Students will be required to complete a summer reading project and failure to complete the summer reading will affect the students' first quarter grade and may result in the removal of the course. All students are required to take the AP exam. Research methodology, term papers, statistical analysis, college level readings, and classroom presentations will form the curriculum foundation. This course qualifies as a course for the Gifted and Talented (GT) Program. GT students will be provided differentiated instruction to meet their special needs.
<b>2400 U.S. Government</b> Grade Level: 12 Prerequisite: 3 credits in Social Studies Credit: .5 credit Weight: Regular Service ID: 03330100	This course provides an opportunity to study the foundation of the United States political system and to analyze the structure and functions of government on local, state, and federal levels. Students put into practice the content and concepts they learned about responsibilities on the personal, social, and civic level. They analyze the institutions and processes of local, state, national, and other political systems.
<b>2401 AP United States Government and Politics</b> Grade Level: 12 Prerequisite: 3 credits in Social Studies Credit: .5 credit Weight: AP (+10 points) Service ID: A3330100	This course is a college freshman survey course on the formation and operation of the United States government. A major goal of this class is to prepare students to earn college credit by being able to excel in the advanced placement exams. Students will be expected to take the AP examination. Students will be required to complete a summer required to take the AP exam. This course qualifies as a course for the Gifted and Talented (GT) Program. GT students will be provided differentiated instruction to meet their special needs.
<b>2401 United States Government DC (GOVT 1301)</b> Grade Level: 12 Prerequisite: EISD/ACCD guidelines including TSI requirements Credit: .5 credit Weight: DC (+10 points) Service ID: 03330100	United States Government DC covers the same knowledge and skills as Government. This course is designed for students to increase and refine their communication skills. Additional reading, writing, listening, speaking, viewing, and representing skills are integrated into the units of study. U.S. Government DC students are expected to write in a variety of forms. Students read extensively in multiple genres. Students will also prepare for college entrance exams and college coursework. Students may need to complete a summer reading requirement. Upon successful completion of this course, students will receive college credit from Palo Alto College. This course qualifies as a course for the Gifted and Talented (GT) Program. GT students will be provided differentiated instruction to meet their special needs.
<b>2500 Economics with Emphasis on Free Enterprise</b> Grade Level: 12 Prerequisite: 3 credits in Social Studies Credit: .5 credit Weight: Regular Service ID: 03310300	This required course provides opportunities for students to study basic principles concerning production, consumption, and distribution of goods and services. Content builds an understanding of the essential components and benefits of the free enterprise system. Students study such concepts as scarcity, economic interdependence, the market system, prices, economic stability, and growth. They examine the role of government in the American economic system and explore selected aspects of international economic systems. The course gives students insight into the techniques and tools used by economics in analyzing data.

<b>2501 AP Macroeconomics</b> <b>Grade Level: 12</b> <b>Prerequisite: 3 credits in Social Studies</b> <b>Credit: .5 credit</b> <b>Weight: AP (+10 points)</b> <b>Service ID: A3310200</b>	<p>This course is a college freshmen survey course on the principles of production, consumption, and distribution of goods and services. A major goal of this class is to prepare students to earn college credit by being able to excel on the advanced placement exams. Students will be expected to take the AP examination. Students will be required to complete a summer required to take the AP exam. This course qualifies as a course for the Gifted and Talented (GT) Program. GT students will be provided differentiated instruction to meet their special needs.</p>
<b>2506 Economics with Emphasis on Free Enterprise DC (ECON 1301)</b> <b>Grade Level: 12</b> <b>Prerequisite: EISD/ACCD guidelines including TSI requirements</b> <b>Credit: .5 credit</b> <b>Weight: DC (+10 points)</b> <b>Service ID: 03310300</b>	<p>Economics DC covers the same knowledge and skills as Economics. This course is designed for students to increase and refine their communication skills. Additional reading, writing, listening, speaking, viewing, and representing skills are integrated into the units of study. Economics DC students are expected to write in a variety of forms. Students read extensively in multiple genres. Students will also prepare for college entrance exams and college coursework. Students may need to complete a summer reading requirement. Upon successful completion of this course, students will receive college credit from Palo Alto College. This course qualifies as a course for the Gifted and Talented (GT) Program. GT students will be provided differentiated instruction to meet their special needs.</p>
<b>2601 Psychology</b> <b>Grade Level: 12</b> <b>Prerequisite: None</b> <b>Credit: .5 credit</b> <b>Weight: Regular</b> <b>Service ID: 03350100</b>	<p>This course is a study of individual and group psychology. Students learn how the knowledge, methods, and theories of psychologists are applied to analyzing human behavior. Course content is organized to help students develop critical attitudes toward superficial generalizations about human behavior to recognize propositions about human behavior and to achieve a better understanding of behavior in general.</p>
<b>2602 Sociology</b> <b>Grade Level: 12</b> <b>Prerequisite: None</b> <b>Credit: .5 credit</b> <b>Weight: Regular</b> <b>Service ID: 03370100</b>	<p>This course provides systematic study of individuals, groups, and social institutions. Content including social stratification, mobility, cultural conflict, change, and contact; the structure and function of social institutions; and the role of mores, traditions, and folkways in society.</p>
<b>Mexican-American Studies</b> <b>Grade Level: 11-12</b> <b>Prerequisite: None</b> <b>Credit: 1 credit</b> <b>Weight: Regular</b> <b>Service ID: X</b>	<p>In Mexican American Studies, students learn about the history and cultural contributions of Mexican Americans. Students will explore history and culture from an interdisciplinary perspective. They will have opportunities to interact with relevant film, literature and other media. The course emphasized developments in the twentieth centuries, but students will also engage with developments prior to the twentieth century.</p>
<b>2608 AP Human Geography</b> <b>Grade Level: 9-10</b> <b>Prerequisite: None</b> <b>Credit: 1 credit</b> <b>Weight: AP (+10 points)</b> <b>Service ID: A3360100</b>	<p>AP Human Geography is designed to introduce students to the systematic study of patterns and processes which have shaped human understanding, use, and alteration of Earth's surface. Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. Students will be required to take the AP examination.</p>



## Physical Education (PE) and PE Equivalent Substitution Courses

In Physical Education, students acquire the knowledge and skills for movement that provide the foundation for enjoyment, continued social development through physical activity, and access to a physically-active lifestyle. Students can substitute certain physical activities for the 1.0 required credit of physical education for graduation requirements. All substitution physical activities must include at least 100 minutes per five-day school week of moderate to vigorous physical activity. Allowable substitutions include:

1. Drill Team, Marching Band, and Cheerleading during the fall semester
2. Junior Reserve Officer Training Corp (JROTC)
3. Athletics

Note: A student may not earn more than four substitution credits in Physical Education toward state graduation requirements (Chapter 74.62, subchapter E).

Course	Description
<b>5010 Foundations of Personal Fitness</b> <b>Grade Level: 9-12</b> <b>Prerequisite: None</b> <b>Credit: .5 credit</b> <b>Weight: Regular</b> <b>Service ID: PES00052</b>	Foundations of Personal Fitness represents a new approach in physical education and the concept of personal fitness. 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 the process of becoming fit as well as achieving some degree of fitness within the class. The concept of wellness or striving to reach optimal levels of health is the cornerstone of this course and is exemplified by one of the course objectives in which students design their own personal fitness program.
<b>5012 Aerobic Activities</b> <b>Grade Level: 9-12</b> <b>Prerequisite: None</b> <b>Credit: .5 credit</b> <b>Weight: Regular</b> <b>Service ID: PES00054</b>	In Physical Education, students acquire the knowledge and skills for movement that provide the foundation for enjoyment, continued social development through physical activity, and access to a physically-active lifestyle. Students in aerobic activities are exposed to a variety of activities that promote health-related fitness.
<b>5015 Individual Sports</b> <b>Grade Level: 9-12</b> <b>Prerequisite: None</b> <b>Credit: .5 credit</b> <b>Weight: Regular</b> <b>Service ID: PES00055</b>	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 sport activities is a major objective of this course. The student is expected to exhibit a level of competency in two or more individual sports that include aquatics, archery, badminton, bicycling, bowling, gymnastics, golf, handball, racquetball, self-defense, table tennis, track and field, weight training, or wrestling; and consistently perform skills and strategies and follow rules at a basic level of competency.
<b>5020 Team Sports</b> <b>Grade Level: 9-12</b> <b>Prerequisite: None</b> <b>Credit: .5 credit</b> <b>Weight: Regular</b> <b>Service ID: PES00055</b>	Students enrolled in Team Sports are expected to develop health-related fitness and an appreciation for teamwork and fair play. Like the other high school physical education courses, Team Sports is less concerned with the acquisition of physical fitness during the course than reinforcing the concepts of incorporating physical activity into a lifestyle beyond high school. The student demonstrates competency in many movement forms and proficiency in two or more teams sports such as basketball, floor hockey, soccer, softball, team handball, or volleyball.
<b>5110 Athletics I (M)</b> <b>Grade Level: 9-12</b> <b>Prerequisite: None</b> <b>Credit: 1 credit</b> <b>Weight: Regular</b> <b>Service ID: PES00000</b>	Students enrolled in Athletics are required to have a current physical exam on file with the trainer as per University Interscholastic League (UIL) in order to participate. Accelerated physical education activities, calisthenics, skills strength training, or conditioning exercises will be conducted during the school year within the school day. Full team drills are conducted for team UIL sports practices. Students enrolled in Athletics can receive 1.0 credit of PE Equivalent/Substitution credit. No more than four substitution credits may earned.
<b>5120 Athletics II (M)</b> <b>Grade Level: 9-12</b> <b>Prerequisite: None</b> <b>Credit: 1 credit</b> <b>Weight: Regular</b> <b>Service ID: PES00001</b>	Students enrolled in Athletics are required to have a current physical exam on file with the trainer as per University Interscholastic League (UIL) in order to participate. Accelerated physical education activities, calisthenics, skills strength training, or conditioning exercises will be conducted during the school year within the school day. Full team drills are conducted for team UIL sports practices. Students enrolled in Athletics can receive 1.0 credit of PE Equivalent/Substitution credit. No more than four substitution credits may earned.
<b>5130 Athletics III (M)</b> <b>Grade Level: 9-12</b> <b>Prerequisite: None</b> <b>Credit: 1 credit</b> <b>Weight: Regular</b> <b>Service ID: PES00002</b>	Students enrolled in Athletics are required to have a current physical exam on file with the trainer as per University Interscholastic League (UIL) in order to participate. Accelerated physical education activities, calisthenics, skills strength training, or conditioning exercises will be conducted during the school year within the school day. Full team drills are conducted for team UIL sports practices. Students enrolled in Athletics can receive 1.0 credit of PE Equivalent/Substitution credit. No more than four substitution credits may earned.

<b>5140 Athletics IV (M)</b> Grade Level: 9-12 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: PES00003	Students enrolled in Athletics are required to have a current physical exam on file with the trainer as per University Interscholastic League (UIL) in order to participate. Accelerated physical education activities, calisthenics, skills strength training, or conditioning exercises will be conducted during the school year within the school day. Full team drills are conducted for team UIL sports practices. Students enrolled in Athletics can receive 1.0 credit of PE Equivalent/Substitution credit. No more than four substitution credits may earned.
<b>5210 Athletics I (F)</b> Grade Level: 9-12 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: PES00000	Students enrolled in Athletics are required to have a current physical exam on file with the trainer as per University Interscholastic League (UIL) in order to participate. Accelerated physical education activities, calisthenics, skills strength training, or conditioning exercises will be conducted during the school year within the school day. Full team drills are conducted for team UIL sports practices. Students enrolled in Athletics can receive 1.0 credit of PE Equivalent/Substitution credit. No more than four substitution credits may earned.
<b>5220 Athletics II (F)</b> Grade Level: 9-12 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: PES00001	Students enrolled in Athletics are required to have a current physical exam on file with the trainer as per University Interscholastic League (UIL) in order to participate. Accelerated physical education activities, calisthenics, skills strength training, or conditioning exercises will be conducted during the school year within the school day. Full team drills are conducted for team UIL sports practices. Students enrolled in Athletics can receive 1.0 credit of PE Equivalent/Substitution credit. No more than four substitution credits may earned.
<b>5230 Athletics III (F)</b> Grade Level: 9-12 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: PES00002	Students enrolled in Athletics are required to have a current physical exam on file with the trainer as per University Interscholastic League (UIL) in order to participate. Accelerated physical education activities, calisthenics, skills strength training, or conditioning exercises will be conducted during the school year within the school day. Full team drills are conducted for team UIL sports practices. Students enrolled in Athletics can receive 1.0 credit of PE Equivalent/Substitution credit. No more than four substitution credits may earned.
<b>5240 Athletics IV (F)</b> Grade Level: 9-12 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: PES00003	Students enrolled in Athletics are required to have a current physical exam on file with the trainer as per University Interscholastic League (UIL) in order to participate. Accelerated physical education activities, calisthenics, skills strength training, or conditioning exercises will be conducted during the school year within the school day. Full team drills are conducted for team UIL sports practices. Students enrolled in Athletics can receive 1.0 credit of PE Equivalent/Substitution credit. No more than four substitution credits may earned.
<b>5310 Drill Team I</b> Grade Level: 9-12 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: PES00014	Students enrolled in these courses learn motor skills basic to efficient movement. They develop and practice behaviors reflective of good sportsmanship and participate in fitness and conditioning activities. Students enrolled in Drill Team can receive 1.0 credit of PE Equivalent/Substitution credit. No more than four substitution credits may earned.
<b>5310 Drill Team II</b> Grade Level: 9-12 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: PES00001	Students enrolled in these courses learn motor skills basic to efficient movement. They develop and practice behaviors reflective of good sportsmanship and participate in fitness and conditioning activities. Students enrolled in Drill Team can receive 1.0 credit of PE Equivalent/Substitution credit. No more than four substitution credits may earned.
<b>5310 Drill Team III</b> Grade Level: 9-12 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: PES00002	Students enrolled in these courses learn motor skills basic to efficient movement. They develop and practice behaviors reflective of good sportsmanship and participate in fitness and conditioning activities. Students enrolled in Drill Team can receive 1.0 credit of PE Equivalent/Substitution credit. No more than four substitution credits may earned.
<b>5310 Drill Team IV</b> Grade Level: 9-12 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: PES00003	Students enrolled in these courses learn motor skills basic to efficient movement. They develop and practice behaviors reflective of good sportsmanship and participate in fitness and conditioning activities. Students enrolled in Drill Team can receive 1.0 credit of PE Equivalent/Substitution credit. No more than four substitution credits may earned.
<b>5410 JROTC I</b> Grade Level: 9 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: PES00004	The course emphasizes the practical application of learned followership principles and techniques and what is learned in the classroom. Activities at the individual cadet level include drill and ceremony, inspections, and hands-on exercises in map reading, first aid, basic rifle marksmanship, and physical fitness. This course qualifies as a PE substitution course.
<b>5420 JROTC II</b> Grade Level: 10 Prerequisite: JROTC I Credit: 1 credit Weight: Regular Service ID: 03160200	This course emphasizes the practical application of learned leadership principles and techniques and what is learned in the classroom. Activities at the squad level include teaching drill and ceremony, conducting inspections, and coaching hands-on exercises in map reading, first aid, basic rifle marksmanship, and physical fitness.

<b>5430 JROTC III</b> <b>Grade Level: 11</b> <b>Prerequisite: JROTC II</b> <b>Credit: 1 credit</b> <b>Weight: Regular</b> <b>Service ID: 03160300</b>	<p>This course emphasizes the practical application of learned leadership principles and techniques and what is learned in the classroom. Activities at the platoon level include teaching drill and ceremony, coordinating inspections, individual and squad leader cadets and platoon administration. The student learns how to apply battalion standard operating procedures in administration, awards, promotions, and recruiting. The course also covers the developing, implementing, training, and operating of plans and the supervising hands-on activities in map reading, first aid, basic rifle marksmanship, and physical fitness.</p>
<b>5440 JROTC IV</b> <b>Grade Level: 12</b> <b>Prerequisite: JROTC III</b> <b>Credit: 1 credit</b> <b>Weight: Regular</b> <b>Service ID: 03160400</b>	<p>This course emphasizes the practical application of learned leadership principles and techniques and what is learned in the classroom. Activities at the company and battalion level include leading drill and ceremony, conducting inspections, Unit/Regular and cadet evaluations, Unit/Regular administration: applying battalion standard operating procedures in administration, awards, promotions, recruiting, developing/planning/implementing training/operations plans, and monitoring/training specialty teams such as the drill teams, color guards, rifle teams, orienteering teams, and saber guards. The course also includes the evaluating status and conduct of map reading, first aid, basic rifle marksmanship, physical fitness, and other subjects covered on the training schedules.</p>





## Fine Arts

Fine Arts courses are offered at all of our high school campuses: Kennedy HS, Memorial HS, and STEAM at Fine Arts Academy. Through our classes and programs in the visual and performing arts, students are empowered and encouraged to develop a lifelong passion for making and appreciating the arts. Students are inspired to be innovative and resourceful to help create a better future.

Course	Description
<b>6110 Art I</b> <b>Grade Level: 9-12</b> <b>Prerequisite: None</b> <b>Credit: 1 credit</b> <b>Weight: Regular</b> <b>Service ID: 03500100</b>	<p>This first art course is designed to introduce students to various art forms and to develop an appreciation for art history. Units in design and composition will explore various media and techniques in drawing, painting, sculpture, and printmaking.</p>
<b>6132 Art II: Ceramic Sculpture</b> <b>Grade Level: 10-12</b> <b>Prerequisite: Art I</b> <b>Credit: 1 credit</b> <b>Weight: Regular</b> <b>Service ID: 03500900</b>	<p>Students will organize ideas from the environment, express ideas through original artworks, demonstrate an understanding of art history and culture, and make informed judgements about artworks in the production of pottery, tiles, and clay sculptures. Students will explore the elements and principles of three-dimensional design. They will learn various methods of hand building, have experience with the potter's wheel, and learn glazing and firing techniques. The conceptual and functional approaches to potter will be studied, and students will be given problems designed to encourage individual development. Participation in campus exhibits will be required. The course also extends into the creation of jewelry using principles of clay production and using art silver clay.</p>
<b>6133 Art III: Ceramic Sculpture</b> <b>Grade Level: 11-12</b> <b>Prerequisite: Art I and Art II: Ceramic Sculpture</b> <b>Credit: 1 credit</b> <b>Weight: Regular</b> <b>Service ID: 03501800</b>	<p>Students will continue the study begun in Art II: Ceramic Sculpture. Students will organize ideas from the environment, express ideas through original artworks, demonstrate an understanding of art history and culture, and make informed judgements about artworks in the production of pottery, tiles, and clay sculptures. Students will explore the elements and principles of three-dimensional design. They will learn various methods of hand building, have experience with the potter's wheel, and learn glazing and firing techniques. The conceptual and functional approaches to potter will be studied, and students will be given problems designed to encourage individual development. Participation in campus exhibits will be required. The course also extends into the creation of jewelry using principles of clay production and using art silver clay.</p>
<b>6134 Art IV: Ceramic Sculpture</b> <b>Grade Level: 12</b> <b>Prerequisite: Art I and Art III: Ceramic Sculpture</b> <b>Credit: 1 credit</b> <b>Weight: Regular</b> <b>Service ID: 03502700</b>	<p>Students will continue the study begun in Art III: Ceramic Sculpture. Students will organize ideas from the environment, express ideas through original artworks, demonstrate an understanding of art history and culture, and make informed judgements about artworks in the production of pottery, tiles, and clay sculptures. Students will explore the elements and principles of three-dimensional design. They will learn various methods of hand building, have experience with the potter's wheel, and learn glazing and firing techniques. The conceptual and functional approaches to potter will be studied, and students will be given problems designed to encourage individual development. Participation in campus exhibits will be required. The course also extends into the creation of jewelry using principles of clay production and using art silver clay.</p>
<b>6135 Art II: Drawing</b> <b>Grade Level: 10-12</b> <b>Prerequisite: Art I</b> <b>Credit: 1 credit</b> <b>Weight: Regular</b> <b>Service ID: 03500500</b>	<p>Students will organize ideas from the environment, express ideas through original artworks, demonstrate an understanding of art history and culture, and make informed judgements about artworks in the production of still life, landscapes, portraits, and non-object drawings. Students will be encouraged to experiment with materials, exploring many kinds of drawing media, techniques, and attitudes. Participation in campus exhibits will be required.</p>
<b>6136 Art III: Drawing</b> <b>Grade Level: 11-12</b> <b>Prerequisite: Art I and Art II: Drawing</b> <b>Credit: 1 credit</b> <b>Weight: Regular</b> <b>Service ID: 03501300</b>	<p>Students will continue the study begun in Art II: Drawing. Students will organize ideas from the environment, express ideas through original artworks, demonstrate an understanding of art history and culture, and make informed judgements about artworks in the production of still life, landscapes, portraits, and non-object drawings. Students will be encouraged to experiment with materials, exploring many kinds of drawing media, techniques, and attitudes. Participation in campus exhibits will be required.</p>
<b>6137 Art IV: Drawing</b> <b>Grade Level: 12</b> <b>Prerequisite: Art I and Art III: Drawing</b> <b>Credit: 1 credit</b> <b>Weight: Regular</b> <b>Service ID: 03502300</b>	<p>Students will continue the study begun in Art III: Drawing. Students will organize ideas from the environment, express ideas through original artworks, demonstrate an understanding of art history and culture, and make informed judgements about artworks in the production of still life, landscapes, portraits, and non-object drawings. Students will be encouraged to experiment with materials, exploring many kinds of drawing media, techniques, and attitudes. Participation in campus exhibits will be required.</p>

<b>6145 Art II: Sculpture</b> <b>Grade Level:</b> 10-12 <b>Prerequisite:</b> Art I <b>Credit:</b> 1 credit <b>Weight:</b> Regular <b>Service ID:</b> 03501000	<p>Students will organize ideas from the environment, express ideas through original artworks, demonstrate an understanding of art history and culture, and make informed judgements about artworks. Students will explore the elements and principles of three-dimensional representational and non-representational design in the production and construction of sculpture using the additive process. They will use a variety of materials such as clay, plaster, and wood and will become acquainted with many different techniques, such as coil, slab, wing, molding, and construction. Studies will review the history of sculpture. Participation in campus exhibits will be required.</p>
<b>6146 Art III: Sculpture</b> <b>Grade Level:</b> 11-12 <b>Prerequisite:</b> Art I and Art II: Sculpture <b>Credit:</b> 1 credit <b>Weight:</b> Regular <b>Service ID:</b> 03501900	<p>Students will continue the study begun in Art II: Sculpture. Students will organize ideas from the environment, express ideas through original artworks, demonstrate an understanding of art history and culture, and make informed judgements about artworks. Students will explore the elements and principles of three-dimensional representational and non-representational design in the production and construction of sculpture using the additive process. They will use a variety of materials such as clay, plaster, and wood and will become acquainted with many different techniques, such as coil, slab, wing, molding, and construction. Studies will review the history of sculpture. Participation in campus exhibits will be required.</p>
<b>6147 Art IV: Sculpture</b> <b>Grade Level:</b> 10-12 <b>Prerequisite:</b> Art I and Art III: Sculpture <b>Credit:</b> 1 credit <b>Weight:</b> Regular <b>Service ID:</b> 03502800	<p>Students will continue the study begun in Art III: Sculpture. Students will organize ideas from the environment, express ideas through original artworks, demonstrate an understanding of art history and culture, and make informed judgements about artworks. Students will explore the elements and principles of three-dimensional representational and non-representational design in the production and construction of sculpture using the additive process. They will use a variety of materials such as clay, plaster, and wood and will become acquainted with many different techniques, such as coil, slab, wing, molding, and construction. Studies will review the history of sculpture. Participation in campus exhibits will be required.</p>
<b>AP Studio Art</b> <b>Grade Level:</b> 11-12 <b>Prerequisite:</b> Portfolio Required <b>Credit:</b> 1 credit <b>Weight:</b> AP (+10 points) <b>Service ID:</b> A3500300	<p>The AP Studio Art Program consists of three portfolio exams—2-D Design, 3-D Design, and Drawing—corresponding to the college foundation courses. Portfolios allow flexibility of coursework while guiding students to produce college-level quality, artistic investigation, and breadth of work. The Drawing portfolio addresses issues such as line quality, light and shade, rendering of form, composition, surface manipulation, the illusion of depth, and mark-making. Students' portfolios demonstrate skills and ideas developed, refined, and applied throughout the course to produce visual compositions. Students may choose to submit any or all of the portfolios. Portfolios are evaluated based on standardized scoring descriptors aligned with skills and understanding developed in college foundation courses.</p>
<b>1665 Art Photography II</b> <b>Grade Level:</b> 10-12 <b>Prerequisite:</b> Art I <b>Credit:</b> 1 credit <b>Weight:</b> Regular <b>Service ID:</b> 03501200	<p>Students will organize ideas from the environment, express ideas through original artworks, demonstrate an understanding of art history and culture, and make informed judgements about artworks. Students will express ideas through original artworks using photography and will review the history of photography. Participation in campus exhibits will be required.</p>
<b>1666 Art Photography III</b> <b>Grade Level:</b> 11-12 <b>Prerequisite:</b> Art I and Art Photography II <b>Credit:</b> 1 credit <b>Weight:</b> Regular <b>Service ID:</b> 03502200	<p>Students will continue the study begun in Art Photography II. Students will organize ideas from the environment, express ideas through original artworks, demonstrate an understanding of art history and culture, and make informed judgements about artworks. Students will express ideas through original artworks using photography and will review the history of photography. Participation in campus exhibits will be required.</p>
<b>1667 Art Photography IV</b> <b>Grade Level:</b> 12 <b>Prerequisite:</b> Art I and Art Photography III <b>Credit:</b> 1 credit <b>Weight:</b> Regular <b>Service ID:</b> 03503100	<p>Students will continue the study begun in Art Photography III. Students will organize ideas from the environment, express ideas through original artworks, demonstrate an understanding of art history and culture, and make informed judgements about artworks. Students will express ideas through original artworks using photography and will review the history of photography. Participation in campus exhibits will be required.</p>
<b>6210 Band I</b> <b>Grade Level:</b> 9-12 <b>Prerequisite:</b> None <b>Credit:</b> 1 credit <b>Weight:</b> Regular <b>Service ID:</b> 03150100	<p>Band courses support continuing development of instrumental music skills and musical understanding begun in elementary and/or middle school. Although these are four separate courses, Band I-IV may be taught in combination. In these classes, students receive identical instruction and perform the same literature but receive credit for the course in which they are enrolled. Differentiation is made in performance expectations as students progress in the continuum of development represented in these four courses. (PE substitution credit is given during fall semester only.)</p>
<b>6220 Band II</b> <b>Grade Level:</b> 10-12 <b>Prerequisite:</b> Band I <b>Credit:</b> 1 credit <b>Weight:</b> Regular <b>Service ID:</b> 03150200	<p>Band courses support continuing development of instrumental music skills and musical understanding begun in elementary and/or middle school. Although these are four separate courses, Band I-IV may be taught in combination. In these classes, students receive identical instruction and perform the same literature but receive credit for the course in which they are enrolled. Differentiation is made in performance expectations as students progress in the continuum of development represented in these four courses. (PE substitution credit is given during fall semester only.)</p>

<b>6230 Band III</b> Grade Level: 11-12 Prerequisite: Band III Credit: 1 credit Weight: Regular Service ID: 03150300	Band courses support continuing development of instrumental music skills and musical understanding begun in elementary and/or middle school. Although these are four separate courses, Band I-IV may be taught in combination. In these classes, students receive identical instruction and perform the same literature but receive credit for the course in which they are enrolled. Differentiation is made in performance expectations as students progress in the continuum of development represented in these four courses. (PE substitution credit is given during fall semester only.)
<b>6240 Band IV</b> Grade Level: 12 Prerequisite: Band IV Credit: 1 credit Weight: Regular Service ID: 03150400	Band courses support continuing development of instrumental music skills and musical understanding begun in elementary and/or middle school. Although these are four separate courses, Band I-IV may be taught in combination. In these classes, students receive identical instruction and perform the same literature but receive credit for the course in which they are enrolled. Differentiation is made in performance expectations as students progress in the continuum of development represented in these four courses. (PE substitution credit is given during fall semester only.)
<b>6250 Jazz Band I</b> Grade Level: 9-12 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: 03151300	At the completion of the marching season (football season), the marching band is separated into two or more concert bands depending on the size of the marching unit. The concert bands are composed of the most advanced musicians and are involved in concert performances, UIL, music competition, and other musical activities throughout the school year. Stage band is a supplemental ensemble to the Marching Band/Concert Band class. Stage band serves as introduction to the musical genre of jazz. Students will not only perform, but also learn basic music theory to build provisional skills.
<b>6255 Jazz Band II</b> Grade Level: 10-12 Prerequisite: Band I Credit: 1 credit Weight: Regular Service ID: 03151400	At the completion of the marching season (football season), the marching band is separated into two or more concert bands depending on the size of the marching unit. The concert bands are composed of the most advanced musicians and are involved in concert performances, UIL, music competition, and other musical activities throughout the school year. Stage band is a supplemental ensemble to the Marching Band/Concert Band class. Stage band serves as introduction to the musical genre of jazz. Students will not only perform, but also learn basic music theory to build provisional skills.
<b>6260 Jazz Band III</b> Grade Level: 11-12 Prerequisite: Band II Credit: 1 credit Weight: Regular Service ID: 03151500	At the completion of the marching season (football season), the marching band is separated into two or more concert bands depending on the size of the marching unit. The concert bands are composed of the most advanced musicians and are involved in concert performances, UIL, music competition, and other musical activities throughout the school year. Stage band is a supplemental ensemble to the Marching Band/Concert Band class. Stage band serves as introduction to the musical genre of jazz. Students will not only perform, but also learn basic music theory to build provisional skills.
<b>6265 Jazz Band IV</b> Grade Level: 12 Prerequisite: Band III Credit: 1 credit Weight: Regular Service ID: 03151600	At the completion of the marching season (football season), the marching band is separated into two or more concert bands depending on the size of the marching unit. The concert bands are composed of the most advanced musicians and are involved in concert performances, UIL, music competition, and other musical activities throughout the school year. Stage band is a supplemental ensemble to the Marching Band/Concert Band class. Stage band serves as introduction to the musical genre of jazz. Students will not only perform, but also learn basic music theory to build provisional skills.
<b>6270 Instrumental Ensembles I</b> Grade Level: 9-12 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: 03151700	The study and performance of musical literature for small groups are the components that comprise the primary focus in the courses Instrumental Ensembles I-IV. A variety of instrumental combinations are possible, including string quartet or other chamber group, clarinet choir, wind trios and quartets, percussion ensemble, brass band, and other combinations. Although listed as four separate courses, Instrumental Ensembles I-IV may be taught in combination. Differentiation is made in performance expectations as students progress in the continuum of development represented in these four courses. This group rehearses and performs a repertoire that has been composed for such instruction. Instrumentation is to be determined by the director.
<b>6275 Instrumental Ensembles II</b> Grade Level: 10-12 Prerequisite: Instrumental Ensembles I Credit: 1 credit Weight: Regular Service ID: 03151800	The study and performance of musical literature for small groups are the components that comprise the primary focus in the courses Instrumental Ensembles I-IV. A variety of instrumental combinations are possible, including string quartet or other chamber group, clarinet choir, wind trios and quartets, percussion ensemble, brass band, and other combinations. Although listed as four separate courses, Instrumental Ensembles I-IV may be taught in combination. Differentiation is made in performance expectations as students progress in the continuum of development represented in these four courses. This group rehearses and performs a repertoire that has been composed for such instruction. Instrumentation is to be determined by the director.
<b>6280 Instrumental Ensembles III</b> Grade Level: 11-12 Prerequisite: Instrumental Ensembles II Credit: 1 credit Weight: Regular Service ID: 03151900	The study and performance of musical literature for small groups are the components that comprise the primary focus in the courses Instrumental Ensembles I-IV. A variety of instrumental combinations are possible, including string quartet or other chamber group, clarinet choir, wind trios and quartets, percussion ensemble, brass band, and other combinations. Although listed as four separate courses, Instrumental Ensembles I-IV may be taught in combination. Differentiation is made in performance expectations as students progress in the continuum of development represented in these four courses. This group rehearses and performs a repertoire that has been composed for such instruction. Instrumentation is to be determined by the director.

<b>6285 Instrumental Ensembles IV</b> Grade Level: 12 Prerequisite: Instrumental Ensembles III Credit: 1 credit Weight: Regular Service ID: 03152000	The study and performance of musical literature for small groups are the components that comprise the primary focus in the courses Instrumental Ensembles I-IV. A variety of instrumental combinations are possible, including string quartet or other chamber group, clarinet choir, wind trios and quartets, percussion ensemble, brass band, and other combinations. Although listed as four separate courses, Instrumental Ensembles I-IV may be taught in combination. Differentiation is made in performance expectations as students progress in the continuum of development represented in these four courses. This group rehearses and performs a repertoire that has been composed for such instruction. Instrumentation is to be determined by the director.
<b>6410 Choir I</b> Grade Level: 9-12 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: 03150900	Choir courses support continuing development of vocal music skills and musical understanding begun in elementary and/or middle school. Although these are four separate courses, Choir I-IV may be taught in combination. In these classes, students receive identical instruction and perform the same literature but receive credit for the course in which they are enrolled. Differentiation is made in performance expectations as students progress in the continuum of development represented in these four courses.
<b>6420 Choir II</b> Grade Level: 10-12 Prerequisite: Choir I Credit: 1 credit Weight: Regular Service ID: 03151000	Choir courses support continuing development of vocal music skills and musical understanding begun in elementary and/or middle school. Although these are four separate courses, Choir I-IV may be taught in combination. In these classes, students receive identical instruction and perform the same literature but receive credit for the course in which they are enrolled. Differentiation is made in performance expectations as students progress in the continuum of development represented in these four courses.
<b>6430 Choir III</b> Grade Level: 11-12 Prerequisite: Choir II Credit: 1 credit Weight: Regular Service ID: 03151100	Choir courses support continuing development of vocal music skills and musical understanding begun in elementary and/or middle school. Although these are four separate courses, Choir I-IV may be taught in combination. In these classes, students receive identical instruction and perform the same literature but receive credit for the course in which they are enrolled. Differentiation is made in performance expectations as students progress in the continuum of development represented in these four courses.
<b>6440 Choir IV</b> Grade Level: 12 Prerequisite: Choir III Credit: 1 credit Weight: Regular Service ID: 03151200	Choir courses support continuing development of vocal music skills and musical understanding begun in elementary and/or middle school. Although these are four separate courses, Choir I-IV may be taught in combination. In these classes, students receive identical instruction and perform the same literature but receive credit for the course in which they are enrolled. Differentiation is made in performance expectations as students progress in the continuum of development represented in these four courses.
<b>6360 Mariachi I</b> Grade Level: 9-12 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: 03153800	Mariachi courses support continuing development of vocal and/or instrumental music skills and musical understanding begun in elementary and/or middle school. Classes will consist of private and small ensemble lessons with guided practice. Although these are four separate courses, Mariachi I-IV may be taught in combination. In these classes, students receive identical instruction and perform the same literature but receive credit for the course in which they are enrolled. Differentiation is made in performance expectations as students progress in the continuum of development represented in these four courses.
<b>6365 Mariachi II</b> Grade Level: 10-12 Prerequisite: Mariachi I Credit: 1 credit Weight: Regular Service ID: 03153900	Mariachi courses support continuing development of vocal and/or instrumental music skills and musical understanding begun in elementary and/or middle school. Classes will consist of private and small ensemble lessons with guided practice. Although these are four separate courses, Mariachi I-IV may be taught in combination. In these classes, students receive identical instruction and perform the same literature but receive credit for the course in which they are enrolled. Differentiation is made in performance expectations as students progress in the continuum of development represented in these four courses.
<b>6370 Mariachi III</b> Grade Level: 11-12 Prerequisite: Mariachi II Credit: 1 credit Weight: Regular Service ID: 03154000	Mariachi courses support continuing development of vocal and/or instrumental music skills and musical understanding begun in elementary and/or middle school. Classes will consist of private and small ensemble lessons with guided practice. Although these are four separate courses, Mariachi I-IV may be taught in combination. In these classes, students receive identical instruction and perform the same literature but receive credit for the course in which they are enrolled. Differentiation is made in performance expectations as students progress in the continuum of development represented in these four courses.
<b>6375 Mariachi IV</b> Grade Level: 12 Prerequisite: Mariachi III Credit: 1 credit Weight: Regular Service ID: 03154100	Mariachi courses support continuing development of vocal and/or instrumental music skills and musical understanding begun in elementary and/or middle school. Classes will consist of private and small ensemble lessons with guided practice. Although these are four separate courses, Mariachi I-IV may be taught in combination. In these classes, students receive identical instruction and perform the same literature but receive credit for the course in which they are enrolled. Differentiation is made in performance expectations as students progress in the continuum of development represented in these four courses.
<b>6450 Orchestra I</b> Grade Level: 9-12 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: 03150500	Orchestra courses support continuing development of instrumental music skills and musical understanding begun in elementary and/or middle school. Although these are four separate courses, Orchestra I-IV may be taught in combination. In these classes, students receive identical instruction and perform the same literature but receive credit for the course in which they are enrolled. Differentiation is made in performance expectations as students progress in the continuum of development represented in these four courses.

<b>6451 Orchestra II</b> <b>Grade Level:</b> 10-12 <b>Prerequisite:</b> Orchestra I <b>Credit:</b> 1 credit <b>Weight:</b> Regular <b>Service ID:</b> 03150600	Orchestra courses support continuing development of instrumental music skills and musical understanding begun in elementary and/or middle school. Although these are four separate courses, Orchestra I-IV may be taught in combination. In these classes, students receive identical instruction and perform the same literature but receive credit for the course in which they are enrolled. Differentiation is made in performance expectations as students progress in the continuum of development represented in these four courses.
<b>6452 Orchestra III</b> <b>Grade Level:</b> 11-12 <b>Prerequisite:</b> Orchestra II <b>Credit:</b> 1 credit <b>Weight:</b> Regular <b>Service ID:</b> 03150700	Orchestra courses support continuing development of instrumental music skills and musical understanding begun in elementary and/or middle school. Although these are four separate courses, Orchestra I-IV may be taught in combination. In these classes, students receive identical instruction and perform the same literature but receive credit for the course in which they are enrolled. Differentiation is made in performance expectations as students progress in the continuum of development represented in these four courses.
<b>6453 Orchestra IV</b> <b>Grade Level:</b> 12 <b>Prerequisite:</b> Orchestra III <b>Credit:</b> 1 credit <b>Weight:</b> Regular <b>Service ID:</b> 03150800	Orchestra courses support continuing development of instrumental music skills and musical understanding begun in elementary and/or middle school. Although these are four separate courses, Orchestra I-IV may be taught in combination. In these classes, students receive identical instruction and perform the same literature but receive credit for the course in which they are enrolled. Differentiation is made in performance expectations as students progress in the continuum of development represented in these four courses.
<b>6380 Vocal Ensemble I</b> <b>Grade Level:</b> 9-12 <b>Prerequisite:</b> None <b>Credit:</b> 1 credit <b>Weight:</b> Regular <b>Service ID:</b> 03152100	Vocal Ensemble courses support continuing development of instrumental music skills and musical understanding begun in elementary and/or middle school. Students will demonstrate independence in interpreting music through the performance of appropriate literature ranging from moderately difficult to difficult. The students will also demonstrate advanced vocal techniques, fundamental music skills, accurate intonation and rhythm. Although these are four separate courses, Vocal Ensemble I-IV may be taught in combination. In these classes, students receive identical instruction and perform the same literature but receive credit for the course in which they are enrolled. Differentiation is made in performance expectations as students progress in the continuum of development represented in these four courses.
<b>6385 Vocal Ensemble II</b> <b>Grade Level:</b> 10-12 <b>Prerequisite:</b> Vocal Ensemble I <b>Credit:</b> 1 credit <b>Weight:</b> Regular <b>Service ID:</b> 03152200	Vocal Ensemble courses support continuing development of instrumental music skills and musical understanding begun in elementary and/or middle school. Students will demonstrate independence in interpreting music through the performance of appropriate literature ranging from moderately difficult to difficult. The students will also demonstrate advanced vocal techniques, fundamental music skills, accurate intonation and rhythm. Although these are four separate courses, Vocal Ensemble I-IV may be taught in combination. In these classes, students receive identical instruction and perform the same literature but receive credit for the course in which they are enrolled. Differentiation is made in performance expectations as students progress in the continuum of development represented in these four courses.
<b>6390 Vocal Ensemble III</b> <b>Grade Level:</b> 11-12 <b>Prerequisite:</b> Vocal Ensemble II <b>Credit:</b> 1 credit <b>Weight:</b> Regular <b>Service ID:</b> 03152300	Vocal Ensemble courses support continuing development of instrumental music skills and musical understanding begun in elementary and/or middle school. Students will demonstrate independence in interpreting music through the performance of appropriate literature ranging from moderately difficult to difficult. The students will also demonstrate advanced vocal techniques, fundamental music skills, accurate intonation and rhythm. Although these are four separate courses, Vocal Ensemble I-IV may be taught in combination. In these classes, students receive identical instruction and perform the same literature but receive credit for the course in which they are enrolled. Differentiation is made in performance expectations as students progress in the continuum of development represented in these four courses.
<b>6453 Vocal Ensemble IV</b> <b>Grade Level:</b> 12 <b>Prerequisite:</b> Vocal Ensemble III <b>Credit:</b> 1 credit <b>Weight:</b> Regular <b>Service ID:</b> 03152400	Vocal Ensemble courses support continuing development of instrumental music skills and musical understanding begun in elementary and/or middle school. Students will demonstrate independence in interpreting music through the performance of appropriate literature ranging from moderately difficult to difficult. The students will also demonstrate advanced vocal techniques, fundamental music skills, accurate intonation and rhythm. Although these are four separate courses, Vocal Ensemble I-IV may be taught in combination. In these classes, students receive identical instruction and perform the same literature but receive credit for the course in which they are enrolled. Differentiation is made in performance expectations as students progress in the continuum of development represented in these four courses.
<b>6350 Music Theory I</b> <b>Grade Level:</b> 9-12 <b>Prerequisite:</b> None <b>Credit:</b> 1 credit <b>Weight:</b> Regular <b>Service ID:</b> 03152700	Students will study the basic elements of music theory. Materials will include scales intervals, chords, keys, clefs, transposition, the overtone series, meter, rhythm, a counting system, solfeggio, sight singing, part-singing, melody writing, active and rest tones, form, harmony, arranging, composing and conducting. Keyboards, guitars, the voice, percussion, and the class instrumentation will be used as vehicles for learning. The electronic piano keyboard lab will serve as the center for music theory. The guitar unit will emphasize chord changing in meter. The voice will be the focal point for sight-reading and ear training. The members of the class will serve as the instrumental/choral ensemble to perform any of the endeavors the students pursue. As the students progress, they will have the opportunity to work in the computer-synthesizer lab, which allows the opportunity to experience the modern contemporary trends on the latest of synthesized instruments and the opportunity to experience their own personal creativity.

<b>6355 Music Theory II</b> <b>Grade Level: 10-12</b> <b>Prerequisite: Music Theory I</b> <b>Credit: 1 credit</b> <b>Weight: Regular</b> <b>Service ID: 03152800</b>	<p>Students will continue the students begun in Music Theory I of the elements of music theory. Materials will include scales intervals, chords, keys, clefs, transposition, the overtone series, meter, rhythm, a counting system, solfeggio, sight singing, part-singing, melody writing, active and rest tones, form, harmony, arranging, composing and conducting. Keyboards, guitars, the voice, percussion, and the class instrumentation will be used as vehicles for learning. The electronic piano keyboard lab will serve as the center for music theory. The guitar unit will emphasize chord changing in meter. The voice will be the focal point for sight-reading and ear training. The members of the class will serve as the instrumental/choral ensemble to perform any of the endeavors the students pursue. As the students progress, they will have the opportunity to work in the computer-synthesizer lab, which allows the opportunity to experience the modern contemporary trends on the latest of synthesized instruments and the opportunity to experience their own personal creativity.</p>
<b>6357 AP Music Theory</b> <b>Grade Level: 11-12</b> <b>Prerequisite: Audition Required</b> <b>Credit: 1 credit</b> <b>Weight: AP (+10 points)</b> <b>Service ID: A3150200</b>	<p>AP Music Theory corresponds to two semesters of a typical introductory college music theory course covering topics such as musicianship, theory, musical materials, and procedures. Students develop the ability to recognize, understand, and describe basic materials and processes of music that are heard or presented in a score. Development of aural skills is a primary objective. Students understand basic concepts and terminology by listening to and performing a wide variety of music.</p>
<b>6340 Applied Music I</b> <b>Grade Level: 9-12</b> <b>Prerequisite: None</b> <b>Credit: 1 credit</b> <b>Weight: Regular</b> <b>Service ID: 03152500</b>	<p>Participation in district band or choir tryouts, UIL Solo and Ensemble contest, applied juries and recital are required for this course. Students will study and practice to develop musical performance skills through the traditional curricula of the particular major instrument or voice. Materials used will start at each student's audition level and include methods such as Gatti and Arban for trumpet, Blazhevich and Kopprasch for Trombone, Klose and Baermann for Clarinet, Farkas for French Horn, Skornicka for Saxophone, Voxman/Gower and Bergiguol for Flute, and Kodaly, Orff, and Evans for Voice (to name a few). The class will consist of private and small ensemble lessons with guided practice. In addition, all juries and recitals will be conducted on the stage of the Recital Hall to develop in the student a sense of experience, refinement, and achievement. The student will be expected to practice at home daily.</p>
<b>6345 Applied Music II</b> <b>Grade Level: 10-12</b> <b>Prerequisite: Applied Music I</b> <b>Credit: 1 credit</b> <b>Weight: Regular</b> <b>Service ID: 03152600</b>	<p>Students will continue the studies begun in Applied Music I. Participation in district band or choir tryouts, UIL Solo and Ensemble contest, applied juries and recital are required for this course. Students will study and practice to develop musical performance skills through the traditional curricula of the particular major instrument or voice. Materials used will start at each student's audition level and include methods such as Gatti and Arban for trumpet, Blazhevich and Kopprasch for Trombone, Klose and Baermann for Clarinet, Farkas for French Horn, Skornicka for Saxophone, Voxman/Gower and Bergiguol for Flute, and Kodaly, Orff, and Evans for Voice (to name a few). The class will consist of private and small ensemble lessons with guided practice. In addition, all juries and recitals will be conducted on the stage of the Recital Hall to develop in the student a sense of experience, refinement, and achievement. The student will be expected to practice at home daily.</p>
<b>6347 Applied Music III</b> <b>Grade Level: 11-12</b> <b>Prerequisite: Applied Music II</b> <b>Credit: 1 credit</b> <b>Weight: Regular</b> <b>Service ID: 03152601</b>	<p>Students will continue the studies begun in Applied Music II. Participation in district band or choir tryouts, UIL Solo and Ensemble contest, applied juries and recital are required for this course. Students will study and practice to develop musical performance skills through the traditional curricula of the particular major instrument or voice. Materials used will start at each student's audition level and include methods such as Gatti and Arban for trumpet, Blazhevich and Kopprasch for Trombone, Klose and Baermann for Clarinet, Farkas for French Horn, Skornicka for Saxophone, Voxman/Gower and Bergiguol for Flute, and Kodaly, Orff, and Evans for Voice (to name a few). The class will consist of private and small ensemble lessons with guided practice. In addition, all juries and recitals will be conducted on the stage of the Recital Hall to develop in the student a sense of experience, refinement, and achievement. The student will be expected to practice at home daily.</p>
<b>6510 Theatre Arts I</b> <b>Grade Level: 9-12</b> <b>Prerequisite: None</b> <b>Credit: 1 credit</b> <b>Weight: Regular</b> <b>Service ID: 03250100</b>	<p>Theatre Arts is a course of the development of physical theatre, dramatic literature, and the role of the actor in the interpretation of that literature. Students study the basics of action, the tools of the craft, warm-up techniques, improvisation, and theatre exercises tying up to scene work realism. Through a variety of theatrical experiences, students will communicate in a dramatic form, make artistic choices, solve problems, build positive self-concepts, and relate interpersonally. Participation in theatre productions is required. The Academy's state-of-the-art theatrical black box will serve as the lab for the theatre arts students.</p>
<b>6525 Theatre Arts II</b> <b>Grade Level: 10-12</b> <b>Prerequisite: Theatre Arts I</b> <b>Credit: 1 credit</b> <b>Weight: Regular</b> <b>Service ID: 03250200</b>	<p>Theatre Arts is a course of the development of physical theatre, dramatic literature, and the role of the actor in the interpretation of that literature. Students will continue the studies begun in Theatre Arts I. Students study the basics of action, the tools of the craft, warm-up techniques, improvisation, and theatre exercises tying up to scene work realism. Through a variety of theatrical experiences, students will communicate in a dramatic form, make artistic choices, solve problems, build positive self-concepts, and relate interpersonally. Participation in theatre productions is required. The Academy's state-of-the-art theatrical black box will serve as the lab for the theatre arts students.</p>

<b>6535 Theatre Arts III</b> <b>Grade Level: 11-12</b> <b>Prerequisite: Theatre Arts II</b> <b>Credit: 1 credit</b> <b>Weight: Regular</b> <b>Service ID: 03250300</b>	Theatre Arts is a course of the development of physical theatre, dramatic literature, and the role of the actor in the interpretation of that literature. Students will continue the studies begun in Theatre Arts II. Students study the basics of action, the tools of the craft, warm-up techniques, improvisation, and theatre exercises tying up to scene work realism. Through a variety of theatrical experiences, students will communicate in a dramatic form, make artistic choices, solve problems, build positive self-concepts, and relate interpersonally. Participation in theatre productions is required. The Academy's state-of-the-art theatrical black box will serve as the lab for the theatre arts students.
<b>6545 Theatre Arts IV</b> <b>Grade Level: 12</b> <b>Prerequisite: Theatre Arts III</b> <b>Credit: 1 credit</b> <b>Weight: Regular</b> <b>Service ID: 03250400</b>	Theatre Arts is a course of the development of physical theatre, dramatic literature, and the role of the actor in the interpretation of that literature. Students will continue the studies begun in Theatre Arts III. Students study the basics of action, the tools of the craft, warm-up techniques, improvisation, and theatre exercises tying up to scene work realism. Through a variety of theatrical experiences, students will communicate in a dramatic form, make artistic choices, solve problems, build positive self-concepts, and relate interpersonally. Participation in theatre productions is required. The Academy's state-of-the-art theatrical black box will serve as the lab for the theatre arts students.
<b>6550 Theatre Production I</b> <b>Grade Level: 9-12</b> <b>Prerequisite: None</b> <b>Credit: 1 credit</b> <b>Weight: Regular</b> <b>Service ID: 03250700</b>	Theatre Production is a co-curricular laboratory for the exploration, development, and synthesis of all elements of theatre arts courses. Practical experience in acting and stagecraft is provided through arts courses, individual preparation, and public performance of one or more plays. Students will design and execute aspects of theatrical productions. Students will participate in a major production each term using the Academy's theatrical black box and recital hall.
<b>6555 Theatre Production II</b> <b>Grade Level: 9-12</b> <b>Prerequisite: Theatre Production I</b> <b>Credit: 1 credit</b> <b>Weight: Regular</b> <b>Service ID: 03250800</b>	Theatre Production is a co-curricular laboratory for the exploration, development, and synthesis of all elements of theatre arts courses. Students will continue to study and practice the design of theatrical productions begun in Theatre Production I and will perform original works during the term of study. Practical experience in acting and stagecraft is provided through arts courses, individual preparation, and public performance of one or more plays. Students will design and execute aspects of theatrical productions. Students will participate in a major production each term using the Academy's theatrical black box and recital hall.
<b>6568 Theatre Production III</b> <b>Grade Level: 1-12</b> <b>Prerequisite: Theatre Production II</b> <b>Credit: 1 credit</b> <b>Weight: Regular</b> <b>Service ID: 03250900</b>	Theatre Production III students assume leadership roles and serve as role models for other students. Students describe the interrelationships of at least two areas of production and use personal experiences, script study, and previous theatrical experiences to contribute to a final production. Within the context of student assignments, each individual analyzes the impact of physical, intellectual, emotional, and social dimensions of a production and illustrates their points with specific examples and rationales. Students use historical and cultural information, such as the time period, genre, cultural and sociological implications, theatrical conventions, and characterizations to inform productions. Students make written observations about effective strategies and support recommendations and constructive comments with rationales and citations from the script. Students record and use commentaries, critiques, suggestions, and insights in journals or production books. Students continue to accumulate data for a résumé of high school theatre and teachers provide guidance in preparing résumés and portfolios.
<b>6569 Theatre Production IV</b> <b>Grade Level: 12</b> <b>Prerequisite: Theatre Production III</b> <b>Credit: 1 credit</b> <b>Weight: Regular</b> <b>Service ID: 03251000</b>	Theatre Production IV students take leadership roles in aspects of play production that extend beyond the realm of assigned responsibility. Students demonstrate collaboration skills by participating in mixed production teams. They understand the role that each technical aspect (e.g. wardrobe, costume, set design) contributes to the production as a whole. Students use scripts, production notes and research findings to support their technical production decisions. Students examine historical, cultural, and social influences on theatre and theatrical conventions of each genre; along with the importance of these factors in understanding and communicating playwrights' intents. Production books and journals record observations, personal reflections, critiques, and other pertinent information. The personal resource files begun in Theatre Production I contribute to student résumés and portfolios. Students develop personal criteria for evaluating each of their production assignments.
<b>6560 Technical Theatre I</b> <b>Grade Level: 9-12</b> <b>Prerequisite: None</b> <b>Credit: 1 credit</b> <b>Weight: Regular</b> <b>Service ID: 03250500</b>	Students will study the technical aspects of theatre production such as lighting, sound, and special effects, working with theatre production crews using the state-of-the-art Black Box Theatre and the Auditorium. Students will study the heritage and traditions through historical and cultural studies in theatre. During these courses, students will describe and research vocational careers in technical theatre, locating training and apprenticeship opportunities. Students develop self-discipline in learning all aspects of technical theatre.
<b>6565 Technical Theatre II</b> <b>Grade Level: 10-12</b> <b>Prerequisite: Technical Theatre I</b> <b>Credit: 1 credit</b> <b>Weight: Regular</b> <b>Service ID: 03250600</b>	Technical Theatre II students will continue the study begun in Technical Theatre I to include the technical aspects of theatre production such as lighting, sound, and special effects, working with theatre production crews using the state-of-the-art Black Box Theatre and the Auditorium. Students will study the heritage and traditions through historical and cultural studies in theatre. During these courses, students will describe and research vocational careers in technical theatre, locating training and apprenticeship opportunities. Students develop self-discipline in learning all aspects of technical theatre.



<b>6566 Technical Theatre III</b> <b>Grade Level: 11-12</b> <b>Prerequisite: Technical Theatre II</b> <b>Credit: 1 credit</b> <b>Weight: Regular</b> <b>Service ID: 03251100</b>	<p>Technical Theatre III students will continue the study begun in Technical Theatre II. Students concentrate on integrating all facets of theatrical productions to ensure the successful production of a theatrical event and begin to change their focus from operation and construction to design. Surveying and reviewing live and recorded performances in a variety of theatrical media illustrates the possibilities available for technical theatre now and in the future. Students develop problem-solving and critical thinking skills and use creative initiative in projecting and evaluating unique approaches to a specific task. Students know the stress and strain capabilities of materials used in sets, safety factors in using stage equipment, and the safe use of light and soundboards. Students focus on an area of special interest within technical theatre, such as costume design or makeup. Students in each specialty area will apply knowledge of historical and cultural influences on their work. They study the theatrical conventions used in original productions. During these courses, students will describe and research vocational careers in technical theatre, locating training and apprenticeship opportunities. Experts from the professional world of technical theatre are excellent resources for developing practical knowledge and applications.</p>
<b>6567 Technical Theatre IV</b> <b>Grade Level: 12</b> <b>Prerequisite: Technical Theatre III</b> <b>Credit: 1 credit</b> <b>Weight: Regular</b> <b>Service ID: 03251200</b>	<p>Technical Theatre IV students will continue the study begun in Technical Theatre III. Students are involved in all aspects of production. Throughout the year, each student assumes a variety of leadership positions in such areas as costume design, wardrobe, makeup, sound, lighting, set design, or stage management. Students establish the conventions of time, history, style, and genre in a designated production and apply their understanding of previous technical interpretations to their own work. Students interpret the intent of the playwright that is to be communicated to the audience, read the director's specifications, and correlate research and study to present a theatrical production. The details, specifications, and effectiveness of student work within the context of productions and assignments demonstrate comprehension of historical and cultural influences and knowledge of theatrical traditions. Students develop self-discipline in learning all aspects of technical theatre. During these courses, students will describe and research vocational careers in technical theatre, locating training and apprenticeship opportunities.</p>
<b>6772 Dance I: Ballet Folklorico</b> <b>Grade Level: 9-12</b> <b>Prerequisite: None</b> <b>Credit: 1 credit</b> <b>Weight: Regular</b> <b>Service ID: 03832100</b>	<p>Students will learn the basic techniques of Mexican regional dance styles. They will be introduced to regional dances from various parts of Mexico, including Jalisco, Veracruz, and the northern provinces. Students will have opportunities to learn from the Mexican folklorico repertory, incorporating the use of costumes and music appropriate for each dance. Students will also learn the history of the dances, vocabulary, basic principles of dance performance, and develop an appreciation of this type of performing art in society. Participation in a recital at the end of each term is required.</p>
<b>6773 Dance II: Ballet Folklorico</b> <b>Grade Level: 10-12</b> <b>Prerequisite: Dance I: Ballet Folklorico</b> <b>Credit: 1 credit</b> <b>Weight: Regular</b> <b>Service ID: 03832200</b>	<p>Dance II: Ballet Folklorico students will continue the study begun in Dance I: Ballet Folklorico. Students will learn the basic techniques of Mexican regional dance styles. They will be introduced to regional dances from various parts of Mexico, including Jalisco, Veracruz, and the northern provinces. Students will have opportunities to learn from the Mexican folklorico repertory, incorporating the use of costumes and music appropriate for each dance. Students will also learn the history of the dances, vocabulary, basic principles of dance performance, and develop an appreciation of this type of performing art in society. Participation in a recital at the end of each term is required.</p>
<b>6774 Dance III: Ballet Folklorico</b> <b>Grade Level: 11-12</b> <b>Prerequisite: Dance II: Ballet Folklorico</b> <b>Weight: Regular</b> <b>Service ID: 03832300</b>	<p>Dance III: Ballet Folklorico students will continue the study begun in Dance II: Ballet Folklorico. Students will learn the basic techniques of Mexican regional dance styles. They will be introduced to regional dances from various parts of Mexico, including Jalisco, Veracruz, and the northern provinces. Students will have opportunities to learn from the Mexican folklorico repertory, incorporating the use of costumes and music appropriate for each dance. Students will also learn the history of the dances, vocabulary, basic principles of dance performance, and develop an appreciation of this type of performing art in society. Participation in a recital at the end of each term is required.</p>
<b>6775 Dance IV: Ballet Folklorico</b> <b>Grade Level: 12</b> <b>Prerequisite: Dance III: Ballet Folklorico</b> <b>Credit: 1 credit</b> <b>Weight: Regular</b> <b>Service ID: 03832400</b>	<p>Dance IV: Ballet Folklorico students will continue the study begun in Dance III: Ballet Folklorico. Students will learn the basic techniques of Mexican regional dance styles. They will be introduced to regional dances from various parts of Mexico, including Jalisco, Veracruz, and the northern provinces. Students will have opportunities to learn from the Mexican folklorico repertory, incorporating the use of costumes and music appropriate for each dance. Students will also learn the history of the dances, vocabulary, basic principles of dance performance, and develop an appreciation of this type of performing art in society. Participation in a recital at the end of each term is required.</p>
<b>6710 Dance I: Jazz</b> <b>Grade Level: 9-12</b> <b>Prerequisite: None</b> <b>Credit: 1 credit</b> <b>Weight: Regular</b> <b>Service ID: 03832100</b>	<p>Students will learn the basic techniques of jazz dance styles. Students will have the opportunity to learn the basic techniques of all aspects of jazz, including Broadway technique and free-style performance. Students will demonstrate basic kinesthetic and spatial awareness with others; perform memorized movement sequences with rhythmic accuracy in several types of this dance style. They will learn the history of jazz, jazz technique, choreography, and different styles of music within the repertory, developing an appreciation of this type of performing art in society. Participation in a recital at the end of each term is required.</p>



<b>6750 Dance II: Jazz</b> <b>Grade Level: 10-12</b> <b>Prerequisite: Dance I: Jazz</b> <b>Credit: 1 credit</b> <b>Weight: Regular</b> <b>Service ID: 03832200</b>	Dance II: Jazz students will continue the study begun in Dance I: Jazz. Students will learn the basic techniques of jazz dance styles. Students will have the opportunity to learn the basic techniques of all aspects of jazz, including Broadway technique and free-style performance. Students will demonstrate basic kinesthetic and spatial awareness with others; perform memorized movement sequences with rhythmical accuracy in several types of this dance style. They will learn the history of jazz, jazz technique, choreography, and different styles of music within the repertory, developing an appreciation of this type of performing art in society. Participation in a recital at the end of each term is required.
<b>6760 Dance III: Jazz</b> <b>Grade Level: 11-12</b> <b>Prerequisite: Dance II: Jazz</b> <b>Credit: 1 credit</b> <b>Weight: Regular</b> <b>Service ID: 03832300</b>	Dance III: Jazz students will continue the study begun in Dance II: Jazz. Students will learn the basic techniques of jazz dance styles. Students will have the opportunity to learn the basic techniques of all aspects of jazz, including Broadway technique and free-style performance. Students will demonstrate basic kinesthetic and spatial awareness with others; perform memorized movement sequences with rhythmical accuracy in several types of this dance style. They will learn the history of jazz, jazz technique, choreography, and different styles of music within the repertory, developing an appreciation of this type of performing art in society. Participation in a recital at the end of each term is required.
<b>6770 Dance IV: Jazz</b> <b>Grade Level: 12</b> <b>Prerequisite: Dance III: Jazz</b> <b>Credit: 1 credit</b> <b>Weight: Regular</b> <b>Service ID: 03832400</b>	Dance IV: Jazz students will continue the study begun in Dance III: Jazz. Students will learn the basic techniques of jazz dance styles. Students will have the opportunity to learn the basic techniques of all aspects of jazz, including Broadway technique and free-style performance. Students will demonstrate basic kinesthetic and spatial awareness with others; perform memorized movement sequences with rhythmical accuracy in several types of this dance style. They will learn the history of jazz, jazz technique, choreography, and different styles of music within the repertory, developing an appreciation of this type of performing art in society. Participation in a recital at the end of each term is required.
<b>6780 Dance I: Ballet</b> <b>Grade Level: 9-12</b> <b>Prerequisite: None</b> <b>Credit: 1 credit</b> <b>Weight: Regular</b> <b>Service ID: 03830500</b>	Students will learn the basic techniques of ballet dance styles. Students are introduced to the genre of classical French ballet, integrating basic ballet vocabulary, class discussion, and technique training. Through movement exercises and choreography, the students will gain an understanding of performance qualities. Students will develop kinesthetic awareness, which will enable the body to respond to a variety of movements. Students will also gain an appreciate of ballet as a performing art through self-choreography, group discussions and critiques, solo and ensemble performances, viewing performances, and research in the field. Participation in a recital at the end of each term is required.
<b>6781 Dance II: Ballet</b> <b>Grade Level: 10-12</b> <b>Prerequisite: Dance I: Ballet</b> <b>Credit: 1 credit</b> <b>Weight: Regular</b> <b>Service ID: 03830600</b>	Dance II: Ballet students will continue the study begun in Dance I: Ballet. Students are introduced to the genre of classical French ballet, integrating basic ballet vocabulary, class discussion, and technique training. Through movement exercises and choreography, the students will gain an understanding of performance qualities. Students will develop kinesthetic awareness, which will enable the body to respond to a variety of movements. Students will also gain an appreciate of ballet as a performing art through self-choreography, group discussions and critiques, solo and ensemble performances, viewing performances, and research in the field. Participation in a recital at the end of each term is required.
<b>6782 Dance III: Ballet</b> <b>Grade Level: 9-12</b> <b>Prerequisite: Dance II: Ballet</b> <b>Credit: 1 credit</b> <b>Weight: Regular</b> <b>Service ID: 03830700</b>	Dance II: Ballet students will continue the study begun in Dance I: Ballet. Students are introduced to the genre of classical French ballet, integrating basic ballet vocabulary, class discussion, and technique training. Through movement exercises and choreography, the students will gain an understanding of performance qualities. Students will develop kinesthetic awareness, which will enable the body to respond to a variety of movements. Students will also gain an appreciate of ballet as a performing art through self-choreography, group discussions and critiques, solo and ensemble performances, viewing performances, and research in the field. Participation in a recital at the end of each term is required.
<b>6783 Dance IV: Ballet</b> <b>Grade Level: 9-12</b> <b>Prerequisite: Dance III: Ballet</b> <b>Credit: 1 credit</b> <b>Weight: Regular</b> <b>Service ID: 03830800</b>	Dance II: Ballet students will continue the study begun in Dance I: Ballet. Students are introduced to the genre of classical French ballet, integrating basic ballet vocabulary, class discussion, and technique training. Through movement exercises and choreography, the students will gain an understanding of performance qualities. Students will develop kinesthetic awareness, which will enable the body to respond to a variety of movements. Students will also gain an appreciate of ballet as a performing art through self-choreography, group discussions and critiques, solo and ensemble performances, viewing performances, and research in the field. Participation in a recital at the end of each term is required.



## Additional Elective Courses

Course	Description
<b>9300 Debate I</b> Grade Level: 9-12 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: 03240600	Debate courses offer opportunities for students to examine different types of debate, processes of logic and critical-thinking, reading experiences, written single-issue briefs, resolution interpretation, affirmative/negative case construction, listening to cross-examination, and oral, aural, and written evaluation of arguments and presentations of debate.
<b>9301 Debate II</b> Grade Level: 10-12 Prerequisite: Debate I Credit: 1 credit Weight: Regular Service ID: 03240700	Debate courses offer opportunities for students to examine different types of debate, processes of logic and critical-thinking, reading experiences, written single-issue briefs, resolution interpretation, affirmative/negative case construction, listening to cross-examination, and oral, aural, and written evaluation of arguments and presentations of debate.
<b>9303 Debate III</b> Grade Level: 11-12 Prerequisite: Debate II Credit: 1 credit Weight: Regular Service ID: 03240800	Debate courses offer opportunities for students to examine different types of debate, processes of logic and critical-thinking, reading experiences, written single-issue briefs, resolution interpretation, affirmative/negative case construction, listening to cross-examination, and oral, aural, and written evaluation of arguments and presentations of debate.
<b>9305 Academic Decathlon I</b> Grade Level: 9-12 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: 85000170	Academic Decathlon courses include intensive studies of topics in literature, economics, social sciences, math, science, fine arts, and the Super Quiz. Students develop skills in speech, interviewing, and essay competition. The course culminates with the selection of a team of nine students to represent the campus in competition in ten areas of study.
<b>9306 Academic Decathlon II</b> Grade Level: 10-12 Prerequisite: Academic Decathlon I Credit: 1 credit Weight: Regular Service ID: 85000171	Academic Decathlon courses include intensive studies of topics in literature, economics, social sciences, math, science, fine arts, and the Super Quiz. Students develop skills in speech, interviewing, and essay competition. The course culminates with the selection of a team of nine students to represent the campus in competition in ten areas of study.
<b>9307 Academic Decathlon II</b> Grade Level: 11-12 Prerequisite: Academic Decathlon II Credit: 1 credit Weight: Regular Service ID: 85000172	Academic Decathlon courses include intensive studies of topics in literature, economics, social sciences, math, science, fine arts, and the Super Quiz. Students develop skills in speech, interviewing, and essay competition. The course culminates with the selection of a team of nine students to represent the campus in competition in ten areas of study.
<b>9308 Academic Decathlon III</b> Grade Level: 12 Prerequisite: Academic Decathlon III Credit: 1 credit Weight: Regular Service ID: 85000173	Academic Decathlon courses include intensive studies of topics in literature, economics, social sciences, math, science, fine arts, and the Super Quiz. Students develop skills in speech, interviewing, and essay competition. The course culminates with the selection of a team of nine students to represent the campus in competition in ten areas of study.
<b>9315 Peer Assistance and Leadership (PAL) I</b> Grade Level: 10-12 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: N1290005	The Peer Assistance and Leadership (PAL) courses are a peer-helping program in which selected students are trained to work as peer facilitators with a younger student either on their own campus or from feeder middle or elementary schools. The kinds of assistance PAL students offer includes tutorial help, individual or group peer support, and discussion sessions. PAL students receive training in such areas as communication skills, listening skills, self-awareness, group dynamics, tutoring skills, helping strategies, and problem solving and decision making processes. Interested students apply at the end of grades 10 and 11 and are then interviewed by the PAL teacher.

<b>9316 Peer Assistance and Leadership (PAL) II</b> Grade Level: 10-12 Prerequisite: PAL I Credit: 1 credit Weight: Regular Service ID: N1290006	The Peer Assistance and Leadership (PAL) courses are a peer helping program in which selected students are trained to work as peer facilitators with a younger student either on their own campus or from feeder middle or elementary schools. The kinds of assistance PAL students offer includes tutorial help, individual or group peer support, and discussion sessions. PAL students receive training in such areas as communication skills, listening skills, self-awareness, group dynamics, tutoring skills, helping strategies, and problem solving and decision making processes. Interested students apply at the end of grade 11 and are then interviewed by the PAL teacher.
<b>9317 Student Government Leadership</b> Grade Level: 9-12 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: N1290010	This course provides an opportunity to study, practice and develop group leadership and organizational skills. These skills include, but are not limited to, decision-making skills, problem-solving techniques, communication skills, leadership roles, human relations skills, and understanding the need for social intelligence and civic responsibility. Students put into practice the skills learned while dealing with the school administration, students, and community. The content focuses on communication (oral and written), office procedures, record management, leadership concepts and skills, planning and implementing projects, human relations skills, and characteristics of contracts. This is an elective course only and does not meet state requirements for United States Government credit. This course does not require a student to be a member of High School Student Councils, but may provide elected student council representatives with the opportunity to develop organizational and communication skills in the performance of their duties.
<b>9250 Texas Pre-Freshman Engineering Program (PREP) I</b> Grade Level: 9-12 Prerequisite: Completion of summer PREP Program Credit: 1 credit Weight: Regular Service ID: N1303752	The Pre-Freshman Engineering Program (PREP) is an academically rigorous mathematics-based summer enrichment program conducted at several college and university campuses in San Antonio, as well as, across the State of Texas and the Nation. PREP identifies middle and high school students who have an interest in science, technology, engineering, and mathematics (STEM) and helps prepare those students for success in advanced studies and careers by providing a challenging academic program that emphasizes the development of abstract reasoning and problem solving skills and exposure to careers through speakers and field trips. Students who successfully complete the summer program can submit their transcript for high school elective credit.
<b>9251 Texas Pre-Freshman Engineering Program (PREP) II</b> Grade Level: 9-12 Prerequisite: Completion of summer PREP Program Credit: 1 credit Weight: Regular Service ID: N1303753	The Pre-Freshman Engineering Program (PREP) is an academically rigorous mathematics-based summer enrichment program conducted at several college and university campuses in San Antonio, as well as, across the State of Texas and the Nation. PREP identifies middle and high school students who have an interest in science, technology, engineering, and mathematics (STEM) and helps prepare those students for success in advanced studies and careers by providing a challenging academic program that emphasizes the development of abstract reasoning and problem solving skills and exposure to careers through speakers and field trips. Students who successfully complete the summer program can submit their transcript for high school elective credit.
<b>9252 Texas Pre-Freshman Engineering Program (PREP) III</b> Grade Level: 9-12 Prerequisite: Completion of summer PREP Program Credit: 1 credit Weight: Regular Service ID: N1303754	The Pre-Freshman Engineering Program (PREP) is an academically rigorous mathematics-based summer enrichment program conducted at several college and university campuses in San Antonio, as well as, across the State of Texas and the Nation. PREP identifies middle and high school students who have an interest in science, technology, engineering, and mathematics (STEM) and helps prepare those students for success in advanced studies and careers by providing a challenging academic program that emphasizes the development of abstract reasoning and problem solving skills and exposure to careers through speakers and field trips. Students who successfully complete the summer program can submit their transcript for high school elective credit.
<b>9253 Texas Pre-Freshman Engineering Program (PREP) IV</b> Grade Level: 9-12 Prerequisite: Completion of summer PREP Program Credit: 1 credit Weight: Regular Service ID: N1303755	The Pre-Freshman Engineering Program (PREP) is an academically rigorous mathematics-based summer enrichment program conducted at several college and university campuses in San Antonio, as well as, across the State of Texas and the Nation. PREP identifies middle and high school students who have an interest in science, technology, engineering, and mathematics (STEM) and helps prepare those students for success in advanced studies and careers by providing a challenging academic program that emphasizes the development of abstract reasoning and problem solving skills and exposure to careers through speakers and field trips. Students who successfully complete the summer program can submit their transcript for high school elective credit.
<b>9500 Independent Study Mentorship in Social Studies</b> Grade Level: 11-12 Prerequisite: Completion of AP or DC course Credit: 1 credit Weight: Regular Service ID: 85000030	This course focuses on career investigation. Students complete an in-depth study of an area of special interest under the helpful guidance of a mentor in the field and a campus facilitating teacher. The facilitating teacher helps student to narrow their field of study, learn time management skills, interpersonal skills, interviewing skills, and goal setting. Students spend much of their time with their mentor in pursuit of their original research study. At the end of the course, students are responsible for a minimum of a one-hour, formal presentation to an invited audience to present the results of their study. The study will be judged by a panel of professionals in the field that is the focus of the project or conducted under the direction of mentor(s) and reported to an appropriate audience. This course qualifies as a course for the Gifted and Talented (GT) program. GT students are provided an individualized, differentiated course of study.

<b>9258 Independent Study in Mathematics</b> Grade Level: 11-12 Prerequisite: Algebra II Credit: 1 credit Weight: Regular Service ID: 03102500	Students will extend their mathematical understanding beyond the Algebra II level in a specific area or areas of mathematics such as theory or equations, number theory, non-Euclidian geometry, advanced survey mathematics, or history of mathematics.
<b>7102 Business Management I</b> Grade Level: 10-12 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: 13011400	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. This is the first year introductory course on Microsoft Office. Students will apply technical skills to address business applications of emerging technologies, create basic word-processing documents, develop basic spreadsheets, formulate a simple database, and make an electronic presentation using appropriate software. Students will have the opportunity to obtain several certifications through Office Proficiency Assessment and Certification (OPAC) and Microsoft Office Certifications. This course is open to the entire campus.
<b>7116 Business Management II</b> Grade Level: 11-12 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: 13011400	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. This is the second year course to build advanced skills on Microsoft Office. Students apply technical skills to address business applications of emerging technologies, create complex word-processing documents, develop sophisticated spreadsheets using charts and graphs, and make an electronic presentation using appropriate multimedia software. Students will have the opportunity to obtain several certifications through Office Proficiency Assessment and Certification (OPAC) and Microsoft Office Certifications. This course has an aggressive curriculum in order to prepare students to successfully pass the MOS test. Students in this course will be expected to take the Microsoft Office Specialist (MOS) test. This course is open to the entire campus.
<b>7087 Dollars and Sense</b> Grade Level: 10-12 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: 13024300	Dollars and Sense focuses on consumer practices and responsibilities, the money management process, decision-making skills, impact of technology, and preparation for human services careers. Students are encouraged to participate in career and technical student organizations and other leadership organizations. This course is open to the entire campus.
<b>7249 Digital Media</b> Grade Level: 9-12 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: 13027800	In Digital Media, students will analyze and assess current and emerging technologies, while designing and creating multimedia projects that address customer needs and resolve a problem. Students will 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 will enhance reading, writing, computing, communication, and critical thinking and apply them to the Information Technology (IT) environment. This course is part of a coherent course sequence, but can also be taken as a stand-alone course and is open to the entire campus.
<b>7089 Child Development</b> Grade Level: 9-12 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: 13024700	Child Development is a technical laboratory course that address 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 well-being and healthy development of children and investigate careers related to the care and education of children. This course is open to the entire campus.
<b>7784 Career Preparation I</b> Grade Level: 11-12 Prerequisite: None Credit: 2 credits Weight: Regular Service ID: 12701300	Career Preparation I is a two-credit course (1 class period and 1 work period). This course includes classroom instruction and paid work-based training in any of a wide variety of approved career and technology occupationally specific training areas. Students will develop skills for lifelong learning. Coordinated training provides instruction in the skills required by the student's chosen occupational area. Students must have paid, gainful employment at a teacher-approved site. The following guidelines must be adhered to in order to be placed in the Career Preparation I course: <ul style="list-style-type: none"> <li>• Students must be at least 16 years of age with proper documentation to obtain work.</li> <li>• The student should obtain a verifiable, approved training station (job) prior to the start of class. If employment is not found by the 15<sup>th</sup> day of school, the student will be dropped from the course.</li> <li>• Students in the two-credit hour course must work a minimum of ten hours per week.</li> <li>• Students will be expected to adhere to program guidelines.</li> </ul>
<b>7785 Career Preparation I</b> Grade Level: 11-12 Prerequisite: None Credit: 3 credits Weight: Regular Service ID: 12701305	Career Preparation I is a three-credit course (1 class period and 2 work periods). This course includes classroom instruction and paid work-based training in any of a wide variety of approved career and technology occupationally specific training areas. Students will develop skills for lifelong learning. Coordinated training provides instruction in the skills required by the student's chosen occupational area. Students must have paid, gainful employment at a teacher-approved site. The following guidelines must be adhered to in order to be placed in the Career Preparation I course: <ul style="list-style-type: none"> <li>• Students must be at least 16 years of age with proper documentation to obtain work.</li> <li>• The student should obtain a verifiable, approved training station (job) prior to the start of class. If employment is not found by the 15<sup>th</sup> day of school, the student will be dropped from the course.</li> <li>• Students in the three-credit hour course must work a minimum of fifteen hours per week.</li> <li>• Students will be expected to adhere to program guidelines.</li> </ul>

<b>7789 Career Preparation II</b> <b>Grade Level:</b> 11-12 <b>Prerequisite:</b> None <b>Credit:</b> 2 credits <b>Weight:</b> Regular <b>Service ID:</b> 12701400	<p>Career Preparation II is a two-credit course (1 class period and 1 work period). This course includes classroom instruction and paid work-based training in any of a wide variety of approved career and technology occupationally specific training areas. Students will develop skills for lifelong learning. Coordinated training provides instruction in the skills required by the student's chosen occupational area. Students must have paid, gainful employment at a teacher-approved site. The following guidelines must be adhered to in order to be placed in the Career Preparation II course:</p> <ul style="list-style-type: none"> <li>• Students must be at least 16 years of age with proper documentation to obtain work.</li> <li>• The student should obtain a verifiable, approved training station (job) prior to the start of class. If employment is not found by the 15<sup>th</sup> day of school, the student will be dropped from the course.</li> <li>• Students in the two-credit hour course must work a minimum of ten hours per week.</li> <li>• Students will be expected to adhere to program guidelines.</li> </ul>
<b>7792 Career Preparation II</b> <b>Grade Level:</b> 11-12 <b>Prerequisite:</b> None <b>Credit:</b> 3 credits <b>Weight:</b> Regular <b>Service ID:</b> 12701405	<p>Career Preparation II is a three-credit course (1 class period and 2 work periods). This course includes classroom instruction and paid work-based training in any of a wide variety of approved career and technology occupationally specific training areas. Students will develop skills for lifelong learning. Coordinated training provides instruction in the skills required by the student's chosen occupational area. Students must have paid, gainful employment at a teacher-approved site. The following guidelines must be adhered to in order to be placed in the Career Preparation II course:</p> <ul style="list-style-type: none"> <li>• Students must be at least 16 years of age with proper documentation to obtain work.</li> <li>• The student should obtain a verifiable, approved training station (job) prior to the start of class. If employment is not found by the 15<sup>th</sup> day of school, the student will be dropped from the course.</li> <li>• Students in the three-credit hour course must work a minimum of fifteen hours per week.</li> <li>• Students will be expected to adhere to program guidelines.</li> </ul>
<b>7795 Practicum in Business Management I</b> <b>Grade Level:</b> 12 <b>Prerequisite:</b> None <b>Credit:</b> 2 credits <b>Weight:</b> Regular <b>Service ID:</b> 13012200	<p>Practicum in Business Management I is a two-credit course (1 class period and 1 work period). This course 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 reason skills and apply them to the business environment. Students incorporate a broad base of knowledge that include the legal, managerial, marketing, financial, ethical, and international dimensions of business to make appropriate business decisions. Students must have paid or unpaid, gainful employment at a teacher-approved site. The following guidelines must be adhered to in order to be placed in the Practicum Business Management I course:</p> <ul style="list-style-type: none"> <li>• Students must be at least 16 years of age with proper documentation to obtain work.</li> <li>• The student should obtain a verifiable, approved training station (job) prior to the start of class. If employment is not found by the 15<sup>th</sup> day of school, the student will be dropped from the course.</li> <li>• Students in the two-credit hour course must work a minimum of ten hours per week.</li> <li>• Students will be expected to adhere to program guidelines.</li> </ul>
<b>7796 Practicum in Business Management I</b> <b>Grade Level:</b> 12 <b>Prerequisite:</b> None <b>Credit:</b> 3 credits <b>Weight:</b> Regular <b>Service ID:</b> 13012205	<p>Practicum in Business Management I is a two-credit course (1 class period and 2 work periods). This course 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 reason skills and apply them to the business environment. Students incorporate a broad base of knowledge that include the legal, managerial, marketing, financial, ethical, and international dimensions of business to make appropriate business decisions. Students must have paid or unpaid, gainful employment at a teacher-approved site. The following guidelines must be adhered to in order to be placed in the Practicum Business Management I course:</p> <ul style="list-style-type: none"> <li>• Students must be at least 16 years of age with proper documentation to obtain work.</li> <li>• The student should obtain a verifiable, approved training station (job) prior to the start of class. If employment is not found by the 15<sup>th</sup> day of school, the student will be dropped from the course.</li> <li>• Students in the two-credit hour course must work a minimum of ten hours per week.</li> <li>• Students will be expected to adhere to program guidelines.</li> </ul>



## Endorsement Information



## Endorsements Offered in Edgewood ISD

### Art and Humanities Endorsement

A coherent sequence or series of courses selected from one of the following:

- Social Studies
- Two levels in each of two languages in Languages other than English (LOTE)
- Courses from one or two categories (art, dance, music, and theatre) in fine arts
- English electives that are not part of Business and Industry

### Business and Industry Endorsement

A coherent sequence or series of courses selected from one of the following:

- CTE courses with a final course from the Architecture & Construction; Arts, Audio/Video, Technology & Communications; Business Management & Administration; Hospitality & Tourism; Information Technology; Manufacturing; and Transportation, Distribution & Logistics CTE career clusters
- The following English electives: public speaking, debate, advanced broadcast journalism including newspaper and yearbook
- A combination of credits from the categories listed above

### Multidisciplinary Studies

A coherent sequence or series of courses selected from one of the following:

- Four advanced courses that prepare a student to enter the workforce successfully or postsecondary education without remediation from within one endorsement areas that are not in a coherent sequence
- Four credits in each of the four foundation subject areas to include English IV and chemistry and/or physics
- Four credits in AP or DC selected from English, mathematics, science, social studies, economics, languages other than English, or fine arts

### Public Services

A coherent sequence or series of courses selected from one of the following:

- CTE courses with a final course from the Education & Training; Health Science; Human Services; or Law, Public Safety, Corrections, and Security career cluster
- JROTC

### STEM

A coherent sequence or series of courses selected from one of the following:

- CTE courses with a final course from the STEM cluster
- Computer Science
- Mathematics
- Science
- A combination of no more than two of the categories listed above



## Endorsement Information

The Edgewood Independent School District is striving to provide course offerings that will prepare students for the workforce of the 21<sup>st</sup> century. Technical course offerings are offered where the labor market information indicates that a field is in high demand, high wage earnings, or is an emerging occupation.

The Edgewood ISD programs follow the Texas Education Agency Strategic Plan and the Long Range Plan for Technology. Edgewood ISD follows the national design structure of the sixteen career clusters as identified by the United States Department of Education (DOE) and the Texas Education Agency (TEA). Edgewood ISD offers the recommended Foundation High School Plan with Endorsement(s) provided by the State Board of Education.

Choosing electives in a particular Foundation with Endorsement(s) Graduation Plan allows students to get hands-on experience in their chose field of study. The student created four-year plans will be used to determine the high school courses that the student will be scheduled to take. Once students have chosen their Endorsement & Major/Minor, the student will be required to complete the sequenced course(s) in order to graduate with that Endorsement. Students should take the creation of these four-year plans seriously, as they will aid in the knowledge, skills, and preparation for postsecondary and future career goals. Each course is a succession of the previous year's course. By completing courses in sequence, students will be better prepared for future endeavors for postsecondary education and/or job readiness skills, and be eligible to receive an Endorsement.

Please refer to [www.achievetexas.org](http://www.achievetexas.org) for more information on the State of Texas Initiative.

Edgewood ISD offers Advanced Technical Credit (ATC) courses. Students can earn college credit by taking ATC courses while in high school. An ATC course is an enhanced version of a normal high school course that is taught by a teacher who has had special training. To get started, select ATC courses that will apply towards the college major you are interested in as part of your Foundation with Endorsement(s) High School Graduation Plan. If you take the ATC course as a junior or senior and earn a grade of 80 (3.0) or better, the ATC course may also be counted as a performance acknowledgement on a student's transcript.

To qualify for college credit through the ATC Program, you will need to do the following while in high school:

- Enroll in an ATC course
- Courses on your high school transcript should be noted with the letter "A"
- Complete the course as a junior or senior with a minimum grade of 80 (3.0; B or better) OR
- Freshmen and sophomores must take additional ATC courses in the same field as a junior or senior to qualify for college credit
- If there are prerequisites for the ATC course, you must earn a minimum grade of 80 (3.0; B or better) in each required course.

It is the policy of the Edgewood ISD Career & Technical Education Program not to discriminate on the basis of race, color, national origin, sex or handicap in its educational programs, services, or activities as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended.

Es norma del distrito escolar de Edgewood y su Programa Educacional de Carrera y Tecnología no discriminar por motivos de raza, color, origen nacional, sexo, o impedimento, en sus programas, servicios, o actividades educativas, tal como lo requieren el Título VI de la Ley de Derechos Civiles de 1964, según enmienda; el Título IX de las Enmiendas en la Educación, de 1972, y la Sección 504 de la Ley de Rehabilitación de 1973, según enmienda.





# Edgewood ISD Arts and Humanities Endorsement – Fine Arts: Art

Location:  
STEAM at Fine Arts  
Academy

Fine Arts: Art 4-Year Plan

Four Year Plan				
PERIOD	9TH	10TH	11TH	12TH
1	English I (1010) or Pre-AP English I (1012)	English II (1020) or Pre-AP English II (1022)	English III (1030) or AP English III (1032) or ENGL 1301/1302 DC(1031)	English IV (1040) or AP English IV (1043) or ENGL 2322/2323 DC(1044)
2	(EOC course: double-blocked for one credit)	(EOC course: double-blocked for one credit)	Algebra II (3150) or Pre-AP Pre-Cal (3161) or OnRamps Pre-Cal DE (3166)	Pre-Calculus (3160) or OnRamps Pre-Cal DE (3166) or AP Calculus AB (3170)
3	Algebra I (3130) or Pre-AP Geometry (3140)	Geometry (3135) or Pre-AP Algebra II (3155)	Physics (4380) or OnRamps Physics DE (4310)	Anatomy & Physiology (4551) or AP Biology (4250)
4	(EOC course: double-blocked for one credit)	Chemistry (4370) or Pre-AP Chemistry (4380)	U.S. History (2300) or AP U.S. History (2301)	AP Govt (2401)/Eco (2501) or GOVT 2305 DC (2405)/ ECON 1301 DC (2506)
5	Biology (4230) or Pre-AP Biology (4240)	World History (2200) or AP World History (2202)	Elective	Elective
6	World Geo. (2100) or AP Human Geo. (2608)	Spanish I (1110) or Spanish II (1120)	Spanish II (1120) or Spanish III Pre-AP (1130)	Spanish III Pre-AP (1130) or AP Spanish IV (1150)
7	Art I (6110)	Art II: Ceramic (6132) or Art II: Drawing (6135) or Art II: Painting (6138) or Art II: Sculpture (6145) or Art Photography II (1665)	Art III: Ceramic (6133) or Art III: Drawing (6136) or Art III: Painting (6139) or Art III: Sculpture (6146) or Art Photography III (1666)	Art IV: Ceramic (6134) or Art IV: Drawing (6137) or Art IV: Painting (6140) or Art IV: Sculpture (6147) or Art Photography IV (1667)
8	Elective (PE)	Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

DC – Dual Credit

DE – Dual Enrollment at UT

AP – Advanced Placement

Pre-AP – Pre-Advanced  
Placement

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Art Majors may choose additional Fine Arts electives if schedule allows.	Art I (6110) Theater Arts I (6510) Theatre Prod (6550) Tech Theatre I (6560) Choir I (6410) Marching Band I (6210) Orchestra I (6450) Mariachi I (6360) Stage Band I (Jazz) (6250) Dance I (6772) (varies)	Art II (varies) Theater Arts II (6525) Theatre Prod II (6555) Tech Theatre II (6566) Choir II (6420) Marching Band II (6220) Orchestra II (6451) Mariachi II (6365) Stage Band I (Jazz) (6255) Dance II (6773) (varies)	Art III (varies) Theater Arts III (6535) Theatre Prod III (6568) Tech Theatre III (6566) Choir III (6430) Marching Band III (6230) Orchestra III (6452) Mariachi III (6370) Stage Band III (Jazz) (6260) Dance III (6774) (varies)	Art IV (varies) Theater Arts IV (6545) Theatre Prod IV (6569) Tech Theatre IV (6567) Choir IV (6440) Marching Band IV (6240) Orchestra IV (6453) Mariachi IV (6375) Stage Band IV (Jazz) (6265) Dance IV (6775) (varies)

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Art Majors will choose at least <b>ONE</b> PE or PE Substitute to fulfill Graduation Requirements.	Marching Band I (6210) JROTC I (5410) Athletics I (5110/5210) Foundations (5010) Drill Team I (5310)	Marching Band II (6220) JROTC II (5420) Athletics II (5120/5220) Aerobic Activities I/II (5012/5022) Drill Team II (5320)	Marching Band III (6230) JROTC III (5430) Athletics III (5130/5230) Individual Sports I/II (5015/5023) Drill Team III (5330)	Marching Band IV (6240) JROTC IV (5440) Athletics (5140/5240) Team Sports I/II (5020/5024) Drill Team IV (5340)

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Art Majors may choose from the following electives if schedule allows. (Additional electives listed in course catalog.)	Debate I (9300) Academic Decathlon I (9305) Prof. Communications (1608) Dollars and Sense (7087) Business Information Management I (7102)	Debate II (9301) Acad. Decathlon II (9306) Lifetime Nutrition (7088) Child Development (7089) Business Information Management II (7116)	Debate III (9300) Acad. Decathlon III (9307) Psychology (2601) Sociology (2602) AP Spanish IV (1150) Career Preparation I (7784)	Acad. Decathlon IV (9308) AP Spanish V (1160) Career Preparation II (7785) AP Studio Art OnRamps Chemistry OnRamps College Algebra

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will have the opportunity to participate in UIL, student leadership and service opportunities while in high school.

Edgewood Independent School District does not discriminate on the basis of race, religion, color, national origin, sex, or disability in providing education services, activities, and programs, including vocational programs, in accordance with Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments of 1972; Section 504 of the Rehabilitation Act of 1973, as amended.

Edgewood ISD Class of 2022 and Beyond



**Edgewood ISD**  
**Arts and Humanities Endorsement – Fine Arts: Art**

Location:  
 STEAM at Fine Arts  
 Academy

Fine Arts courses are offered at all of our high school campuses: Kennedy HS, Memorial HS, and STEAM at Fine Arts Academy. Through our classes and programs in the visual and performing arts, students are empowered and encouraged to develop a lifelong passion for making and appreciating the arts. Listed below are the specific classes that are included in the Fine Arts: Art Endorsement. Art I is the first course in this Endorsement. Students will then choose an area(s) of focus to complete the Fine Arts: Art Endorsement.

Course	Course Description
<b>6110 Art I</b> Grade Level: 9-12 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: 03500100	This first art course is designed to introduce students to various art forms and to develop an appreciation for art history. Units in design and composition will explore various media and techniques in drawing, painting, sculpture, and printmaking.
<b>6132, 6133, 6134</b> <b>Art II-IV: Ceramic Sculpture</b> Grade Level: 10-12 Prerequisite: Art I and previous course sequence Credit: 1 credit Weight: Regular Service ID: 03500900, 03501800, 03502700	Students will organize ideas from the environment, express ideas through original artworks, demonstrate an understanding of art history and culture, and make informed judgements about artworks in the production of pottery, tiles, and clay sculptures. Students will explore the elements and principles of three-dimensional design. They will learn various methods of hand building, have experience with the potter's wheel, and learn glazing and firing techniques. The conceptual and functional approaches to pottery will be studied, and students will be given problems designed to encourage individual development. Participation in campus exhibits will be required. The course also extends into the creation of jewelry using principles of clay production and using art silver clay.
<b>6135, 6136, 6137</b> <b>Art II-IV: Drawing</b> Grade Level: 10-12 Prerequisite: Art I and previous course sequence Credit: 1 credit Weight: Regular Service ID: 03500500, 03501300, 03502300	Students will organize ideas from the environment, express ideas through original artworks, demonstrate an understanding of art history and culture, and make informed judgements about artworks in the production of still life, landscapes, portraits, and non-object drawings. Students will be encouraged to experiment with materials, exploring many kinds of drawing media, techniques, and attitudes. Participation in campus exhibits will be required.
<b>6138, 6139, 6140</b> <b>Art II-IV: Painting Explorations</b> Grade Level: 10-12 Prerequisite: Art I and previous course sequence Credit: 1 credit Weight: Regular Service ID: 03500600, 03501400, 03502400	Students will organize ideas from the environment, express ideas through original artworks, demonstrate an understanding of art history and culture, and make informed judgements about artworks in the production of still life, landscapes, portraits, and non-object art. Students will be encouraged to experiment with materials, exploring many kinds of painting media, techniques, and attitudes. Historical periods will be studied, and students will be encouraged to produce paintings in those styles or attitudes as a way of broadening their way of seeing. Participation in campus exhibits will be required.
<b>6145, 6146, 6147</b> <b>Art II-IV: Sculpture</b> Grade Level: 10-12 Prerequisite: Art I and previous course sequence Credit: 1 credit Weight: Regular Service ID: 03501000, 03501900, 03502800	Students will organize ideas from the environment, express ideas through original artworks, demonstrate an understanding of art history and culture, and make informed judgements about artworks. Students will explore the elements and principles of three-dimensional representational and non-representational design in the production and construction of sculpture using the additive process. They will use a variety of materials such as clay, plaster, and wood and will become acquainted with many different techniques, such as coil, slab, wing, molding, and construction. Studies will review the history of sculpture. Participation in campus exhibits will be required.
<b>1665, 1666, 1667</b> <b>Art Photography II-IV</b> Grade Level: 10-12 Prerequisite: Art I and previous course sequence Credit: 1 credit Weight: Regular Service ID: 03501200, 03502200, 03503100	Students will organize ideas from the environment, express ideas through original artworks, demonstrate an understanding of art history and culture, and make informed judgements about artworks. Students will express ideas through original artworks using photography and will review the history of photography. Participation in campus exhibits will be required.



# Edgewood ISD Arts and Humanities Endorsement – Fine Arts: Dance

Location:  
STEAM at Fine Arts  
Academy

Fine Arts: Dance 4-Year Plan

Four Year Plan				
PERIOD	9TH	10TH	11TH	12TH
1	English I (1010) or Pre-AP English I (1012)	English II (1020) or Pre-AP English II (1022)	English III (1030) or AP English III (1032) or ENGL 1301/1302 DC(1031)	English IV (1040) or AP English IV (1043) or ENGL 2322/2323 DC(1044)
2	(EOC course: double-blocked for one credit)	(EOC course: double-blocked for one credit)	Algebra II (3150) or Pre-AP Pre-Cal (3161) or OnRamps Pre-Cal DE (3166)	Pre-Calculus (3160) or OnRamps Pre-Cal DE (3166) or AP Calculus AB (3170)
3	Algebra I (3130) or Pre-AP Geometry (3140)	Geometry (3135) or Pre-AP Algebra II (3155)	Physics (4380) or OnRamps Physics DE (4310)	Anatomy & Physiology (4551) or AP Biology (4250)
4	(EOC course: double- blocked for one credit)	Chemistry (4370) or Pre-AP Chemistry (4380)	U.S. History (2300) or AP U.S. History (2301)	AP Govt (2401)/Eco (2501) or GOVT 2305 DC (2405)/ ECON 1301 DC (2506)
5	Biology (4230) or Pre-AP Biology (4240)	World History (2200) or AP World History (2202)	Elective	Elective
6	World Geo. (2100) or AP Human Geo. (2608)	Spanish I (1110) or Spanish II (1120)	Spanish II (1120) or Spanish III Pre-AP (1130)	Spanish III Pre-AP (1130) or AP Spanish IV (1150)
7	Dance I: Ballet Folklorico (6772) or Dance I: Jazz (6710) or Dance I: Ballet (6780)	Dance II: Ballet Folklorico (6773) or Dance II: Jazz (6750) or Dance II: Ballet (6781)	Dance III: Ballet Folklorico (6774) or Dance III: Jazz (6760) or Dance III: Ballet (6782)	Dance IV: Ballet Folklorico (6775) or Dance IV: Jazz (6770) or Dance IV: Ballet (6783)
8	Elective (PE)	Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

DC – Dual Credit

DE – Dual Enrollment at UT

AP – Advanced Placement

Pre-AP – Pre-Advanced  
Placement

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Dance Majors may choose additional Fine Arts electives if schedule allows.	Art I (6110) Theater Arts I (6510) Theatre Prod (6550) Tech Theatre I (6560) Choir I (6410) Marching Band I (6210) Orchestra I (6450) Mariachi I (6360) Stage Band I (Jazz) (6250) Dance I (6772) (varies)	Art II (varies) Theater Arts II (6525) Theatre Prod II (6555) Tech Theatre II (6566) Choir II (6420) Marching Band II (6220) Orchestra II (6451) Mariachi II (6365) Stage Band I (Jazz) (6255) Dance II (6773) (varies)	Art III (varies) Theater Arts III (6535) Theatre Prod III (6568) Tech Theatre III (6566) Choir III (6430) Marching Band III (6230) Orchestra III (6452) Mariachi III (6370) Stage Band III (Jazz) (6260) Dance III (6774) (varies)	Art IV (varies) Theater Arts IV (6545) Theatre Prod IV (6569) Tech Theatre IV (6567) Choir IV (6440) Marching Band IV (6240) Orchestra IV (6453) Mariachi IV (6375) Stage Band IV (Jazz) (6265) Dance IV (6775) (varies)

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Dance Majors will choose at least <b>ONE</b> PE or PE Substitute to fulfill Graduation Requirements.	Marching Band I (6210) JROTC I (5410) Athletics I (5110/5210) Foundations (5010) Drill Team I (5310)	Marching Band II (6220) JROTC II (5420) Athletics II (5120/5220) Aerobic Activities I/II (5012/5022) Drill Team II (5320)	Marching Band III (6230) JROTC III (5430) Athletics III (5130/5230) Individual Sports I/II (5015/5023) Drill Team III (5330)	Marching Band IV (6240) JROTC IV (5440) Athletics (5140/5240) Team Sports I/II (5020/5024) Drill Team IV (5340)

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Dance Majors may choose from the following electives if schedule allows. (Additional electives listed in course catalog.)	Debate I (9300) Academic Decathlon I (9305) Prof. Communications (1608) Dollars and Sense (7087) Business Information Management I (7102)	Debate II (9301) Acad. Decathlon II (9306) Lifetime Nutrition (7088) Child Development (7089) Business Information Management II (7116)	Debate III (9300) Acad. Decathlon III (9307) Psychology (2601) Sociology (2602) AP Spanish IV (1150) Career Preparation I (7784)	Acad. Decathlon IV (9308) AP Spanish V (1160) Career Preparation II (7785) AP Studio Art OnRamps Chemistry OnRamps College Algebra

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will have the opportunity to participate in UIL, student leadership and service opportunities while in high school.

Edgewood Independent School District does not discriminate on the basis of race, religion, color, national origin, sex, or disability in providing education services, activities, and programs, including vocational programs, in accordance with Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments of 1972; Section 504 of the Rehabilitation Act of 1973, as amended.

Edgewood ISD Class of 2022 and Beyond



**Edgewood ISD**  
**Arts and Humanities Endorsement – Fine Arts: Music**

Location:  
 STEAM at Fine Arts  
 Academy

Fine Arts courses are offered at all of our high school campuses: Kennedy HS, Memorial HS, and STEAM at Fine Arts Academy. Through our classes and programs in the visual and performing arts, students are empowered and encouraged to develop a lifelong passion for making and appreciating the arts. Listed below are the specific classes that are included in the Fine Arts: Dance Endorsement. Students will choose an area(s) of focus and will complete the coherent course sequence to earn the Fine Arts: Dance Endorsement.

Course	Course Description
<b>6772, 6773, 6774, 6775</b> <b>Dance I-IV: Ballet Folklorico</b> Grade Level: 9-12 Prerequisite: Coherent Course Sequence Credit: 1 credit Weight: Regular Service ID: 03832100, 03832200, 03832300, 03832400	Students will learn the basic techniques of Mexican regional dance styles. They will be introduced to regional dances from various parts of Mexico, including Jalisco, Veracruz, and the northern provinces. Students will have opportunities to learn from the Mexican folklorico repertory, incorporating the use of costumes and music appropriate for each dance. Students will also learn the history of the dances, vocabulary, basic principles of dance performance, and develop an appreciation of this type of performing art in society. Participation in a recital at the end of each term is required.
<b>6710, 6750, 6760, 6770</b> <b>Dance I-IV: Jazz</b> Grade Level: 9-12 Prerequisite: Coherent Course Sequence Credit: 1 credit Weight: Regular Service ID: 03832100, 03832200, 03832300, 03832400	Students will learn the basic techniques of jazz dance styles. Students will have the opportunity to learn the basic techniques of all aspects of jazz, including Broadway technique and free-style performance. Students will demonstrate basic kinesthetic and spatial awareness with others; perform memorized movement sequences with rhythmic accuracy in several types of this dance style. They will learn the history of jazz, jazz technique, choreography, and different styles of music within the repertory, developing an appreciation of this type of performing art in society. Participation in a recital at the end of each term is required.
<b>6780, 6781, 6782, 6783</b> <b>Dance I-IV: Ballet</b> Grade Level: 9-12 Prerequisite: Coherent Course Sequence Credit: 1 credit Weight: Regular Service ID: 03830500, 03830600, 03830700, 03830800	Students will learn the basic techniques of ballet dance styles. Students are introduced to the genre of classical French ballet, integrating basic ballet vocabulary, class discussion, and technique training. Through movement exercises and choreography, the students will gain an understanding of performance qualities. Students will develop kinesthetic awareness, which will enable the body to respond to a variety of movements. Students will also gain an appreciation of ballet as a performing art through self-choreography, group discussions and critiques, solo and ensemble performances, viewing performances, and research in the field. Participation in a recital at the end of each term is required.



# Edgewood ISD Arts and Humanities Endorsement – Fine Arts: Music

Location:  
STEAM at Fine Arts  
Academy

Fine Arts: Music 4-Year Plan

Four Year Plan				
PERIOD	9TH	10TH	11TH	12TH
1	English I (1010) or Pre-AP English I (1012) (EOC course: double-blocked for one credit)	English II (1020) or Pre-AP English II (1022) (EOC course: double-blocked for one credit)	English III (1030) or AP English III (1032) or ENGL 1301/1302 DC(1031)	English IV (1040) or AP English IV (1043) or ENGL 2322/2323 DC(1044)
2			Algebra II (3150) or Pre-Calculus (3160)	Pre-Calculus (3160) or AP Calculus AB (3170)
3	Algebra I (3130) or Pre-AP Geometry (3140) (EOC course: double- blocked for one credit)	Geometry (3135) or Pre-AP Algebra II (3155)	Algebra II (3150) or Pre-AP Pre-Cal (3161) or OnRamps Pre-Cal DE (3166)	Pre-Calculus (3160) or OnRamps Pre-Cal DE (3166) or AP Calculus AB (3170)
4		Chemistry (4370) or Pre-AP Chemistry (4380)	Physics (4380) or OnRamps Physics DE (4310)	Anatomy & Physiology (4551) or AP Biology (4250)
5	Biology (4230) or Pre-AP Biology (4240)	World History (2200) or AP World History (2202)	Elective	Elective
6	World Geo. (2100) or AP Human Geo. (2608)	Spanish I (1110) or Spanish II (1120)	Spanish II (1120) or Spanish III Pre-AP (1130)	Spanish III Pre-AP (1130) or AP Spanish IV (1150)
7	Choir I (6410) or Band I (6210) or Mariachi I (6270) or Orchestra I (6450)	Choir II (6420) or Band II (6220) or Mariachi II (6275) or Orchestra II (6451)	Choir III (6430) or Band III (6230) or Mariachi III (6280) or Orchestra III (6452)	Choir IV (6440) or Band IV (6240) or Mariachi IV (6285) or Orchestra IV (6453)
8	Elective (PE)	Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

DC – Dual Credit

DE – Dual Enrollment at UT

AP – Advanced Placement

Pre-AP – Pre-Advanced  
Placement

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Music Majors may choose additional Fine Arts electives if schedule allows.	Art I (6110) Theater Arts I (6510) Theatre Prod (6550) Tech Theatre I (6560) Choir I (6410) Marching Band I (6210) Orchestra I (6450) Mariachi I (6360) Stage Band I (Jazz) (6250) Dance I (6772) (varies)	Art II (varies) Theater Arts II (6525) Theatre Prod II (6555) Tech Theatre II (6566) Choir II (6420) Marching Band II (6220) Orchestra II (6451) Mariachi II (6365) Stage Band I (Jazz) (6255) Dance II (6773) (varies)	Art III (varies) Theater Arts III (6535) Theatre Prod III (6568) Tech Theatre III (6566) Choir III (6430) Marching Band III (6230) Orchestra III (6452) Mariachi III (6370) Stage Band III (Jazz) (6260) Dance III (6774) (varies)	Art IV (varies) Theater Arts IV (6545) Theatre Prod IV (6569) Tech Theatre IV (6567) Choir IV (6440) Marching Band IV (6240) Orchestra IV (6453) Mariachi IV (6375) Stage Band IV (Jazz) (6265) Dance IV (6775) (varies)

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Music Majors will choose at least <b>ONE</b> PE or PE Substitute to fulfill Graduation Requirements.	Marching Band I (6210) JROTC I (5410) Athletics I (5110/5210) Foundations (5010) Drill Team I (5310)	Marching Band II (6220) JROTC II (5420) Athletics II (5120/5220) Aerobic Activities I/II (5012/5022) Drill Team II (5320)	Marching Band III (6230) JROTC III (5430) Athletics III (5130/5230) Individual Sports I/II (5015/5023) Drill Team III (5330)	Marching Band IV (6240) JROTC IV (5440) Athletics (5140/5240) Team Sports I/II (5020/5024) Drill Team IV (5340)

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Music Majors may choose from the following electives if schedule allows. (Additional electives listed in course catalog.)	Debate I (9300) Academic Decathlon I (9305) Prof. Communications (1608) Dollars and Sense (7087) Business Information Management I (7102)	Debate II (9301) Acad. Decathlon II (9306) Lifetime Nutrition (7088) Child Development (7089) Business Information Management II (7116)	Debate III (9300) Acad. Decathlon III (9307) Psychology (2601) Sociology (2602) AP Spanish IV (1150) Career Preparation I (7784)	Acad. Decathlon IV (9308) AP Spanish V (1160) Career Preparation II (7785) AP Studio Art OnRamps Chemistry OnRamps College Algebra

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will have the opportunity to participate in UIL, student leadership and service opportunities while in high school.

Edgewood Independent School District does not discriminate on the basis of race, religion, color, national origin, sex, or disability in providing education services, activities, and programs, including vocational programs, in accordance with Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments of 1972; Section 504 of the Rehabilitation Act of 1973, as amended.

Edgewood ISD Class of 2022 and Beyond





**Edgewood ISD**  
**Arts and Humanities Endorsement – Fine Arts: Music**

Location:  
STEAM at Fine Arts  
Academy

Fine Arts courses are offered at all of our high school campuses: Kennedy HS, Memorial HS, and STEAM at Fine Arts Academy. Through our classes and programs in the visual and performing arts, students are empowered and encouraged to develop a lifelong passion for making and appreciating the arts. Listed below are the specific classes that are included in the Fine Arts: Music Endorsement. Students will choose an area(s) of focus and will complete the coherent course sequence to earn the Fine Arts: Music Endorsement.

Course	Course Description
<b>6410, 6420, 6430, 6440</b> <b>Choir I-IV</b> Grade Level: 9-12 Prerequisite: Coherent Course Sequence Credit: 1 credit Weight: Regular Service ID: 03150900, 03151000, 03151100, 03151200	Choir courses support continuing development of vocal music skills and musical understanding begun in elementary and/or middle school. Although these are four separate courses, Choir I-IV may be taught in combination. In these classes, students receive identical instruction and perform the same literature but receive credit for the course in which they are enrolled. Differentiation is made in performance expectations as students progress in the continuum of development represented in these four courses.
<b>6210, 6220, 6230, 6240</b> <b>Band I-IV</b> Grade Level: 9-12 Prerequisite: Coherent Course Sequence Credit: 1 credit Weight: Regular Service ID: 03150100, 03150200, 03150300, 03150400	Band courses support continuing development of instrumental music skills and musical understanding begun in elementary and/or middle school. Although these are four separate courses, Band I-IV may be taught in combination. In these classes, students receive identical instruction and perform the same literature but receive credit for the course in which they are enrolled. Differentiation is made in performance expectations as students progress in the continuum of development represented in these four courses. (PE substitution credit is given during fall semester only.)
<b>6360, 6365, 6370, 6375</b> <b>Mariachi I-IV</b> Grade Level: 9-12 Prerequisite: Coherent Course Sequence Credit: 1 credit Weight: Regular Service ID: 03153800, 03153900, 03154000, 03154100	Mariachi courses support continuing development of vocal and/or instrumental music skills and musical understanding begun in elementary and/or middle school. Classes will consist of private and small ensemble lessons with guided practice. Although these are four separate courses, Mariachi I-IV may be taught in combination. In these classes, students receive identical instruction and perform the same literature but receive credit for the course in which they are enrolled. Differentiation is made in performance expectations as students progress in the continuum of development represented in these four courses.
<b>6450, 6451, 6452, 6453</b> <b>Orchestra I-IV</b> Grade Level: 9-12 Prerequisite: Coherent Course Sequence Credit: 1 credit Weight: Regular Service ID: 03150500, 03150600, 03150700, 03150800	Orchestra courses support continuing development of instrumental music skills and musical understanding begun in elementary and/or middle school. Although these are four separate courses, Orchestra I-IV may be taught in combination. In these classes, students receive identical instruction and perform the same literature but receive credit for the course in which they are enrolled. Differentiation is made in performance expectations as students progress in the continuum of development represented in these four courses.



# Edgewood ISD Arts and Humanities Endorsement – Fine Arts: Theatre

Location:  
STEAM at Fine Arts  
Academy

Fine Arts: Theatre 4-Year Plan

Four Year Plan				
PERIOD	9TH	10TH	11TH	12TH
1	English I (1010) or Pre-AP English I (1012)	English II (1020) or Pre-AP English II (1022)	English III (1030) or AP English III (1032) or ENGL 1301/1302 DC(1031)	English IV (1040) or AP English IV (1043) or ENGL 2322/2323 DC(1044)
2	(EOC course: double-blocked for one credit)	(EOC course: double-blocked for one credit)	Algebra II (3150) or Pre-AP Pre-Cal (3161) or OnRamps Pre-Cal DE (3166)	Pre-Calculus (3160) or OnRamps Pre-Cal DE (3166) or AP Calculus AB (3170)
3	Algebra I (3130) or Pre-AP Geometry (3140)	Geometry (3135) or Pre-AP Algebra II (3155)	Physics (4380) or OnRamps Physics DE (4310)	Anatomy & Physiology (4551) or AP Biology (4250)
4	(EOC course: double- blocked for one credit)	Chemistry (4370) or Pre-AP Chemistry (4380)	U.S. History (2300) or AP U.S. History (2301)	AP Govt (2401)/Eco (2501) or GOVT 2305 DC (2405)/ ECON 1301 DC (2506)
5	Biology (4230) or Pre-AP Biology (4240)	World History (2200) or AP World History (2202)	Elective	Elective
6	World Geo. (2100) or AP Human Geo. (2608)	Spanish I (1110) or Spanish II (1120)	Spanish II (1120) or Spanish III Pre-AP (1130)	Spanish III Pre-AP (1130) or AP Spanish IV (1150)
7	Theatre Arts I (6510) or Theatre Production I (6550) or Technical Theatre I (6560)	Theatre Arts II (6525) or Theatre Production II (6555) or Technical Theatre II (6565)	Theatre Arts III (6535) or Theatre Production III (6568) or Technical Theatre III (6566)	Theatre Arts IV (6545) or Theatre Production IV (6569) or Technical Theatre IV (6567)
8	Elective (PE)	Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

DC – Dual Credit

DE – Dual Enrollment at UT

AP – Advanced Placement

Pre-AP – Pre-Advanced  
Placement

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Theatre Majors may choose additional Fine Arts electives if schedule allows.	Art I (6110) Theater Arts I (6510) Theatre Prod (6550) Tech Theatre I (6560) Choir I (6410) Marching Band I (6210) Orchestra I (6450) Mariachi I (6360) Stage Band I (Jazz) (6250) Dance I (6772) (varies)	Art II (varies) Theater Arts II (6525) Theatre Prod II (6555) Tech Theatre II (6566) Choir II (6420) Marching Band II (6220) Orchestra II (6451) Mariachi II (6365) Stage Band I (Jazz) (6255) Dance II (6773) (varies)	Art III (varies) Theater Arts III (6535) Theatre Prod III (6568) Tech Theatre III (6566) Choir III (6430) Marching Band III (6230) Orchestra III (6452) Mariachi III (6370) Stage Band III (Jazz) (6260) Dance III (6774) (varies)	Art IV (varies) Theater Arts IV (6545) Theatre Prod IV (6569) Tech Theatre IV (6567) Choir IV (6440) Marching Band IV (6240) Orchestra IV (6453) Mariachi IV (6375) Stage Band IV (Jazz) (6265) Dance IV (6775) (varies)

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Theatre Majors will choose at least <b>ONE</b> PE or PE Substitute to fulfill Graduation Requirements.	Marching Band I (6210) JROTC I (5410) Athletics I (5110/5210) Foundations (5010) Drill Team I (5310)	Marching Band II (6220) JROTC II (5420) Athletics II (5120/5220) Aerobic Activities I/II (5012/5022) Drill Team II (5320)	Marching Band III (6230) JROTC III (5430) Athletics III (5130/5230) Individual Sports I/II (5015/5023) Drill Team III (5330)	Marching Band IV (6240) JROTC IV (5440) Athletics (5140/5240) Team Sports I/II (5020/5024) Drill Team IV (5340)
Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Theatre Majors may choose from the following electives if schedule allows. (Additional electives listed in course catalog.)	Debate I (9300) Academic Decathlon I (9305) Prof. Communications (1608) Dollars and Sense (7087) Business Information Management I (7102)	Debate II (9301) Acad. Decathlon II (9306) Lifetime Nutrition (7088) Child Development (7089) Business Information Management II (7116)	Debate III (9300) Acad. Decathlon III (9307) Psychology (2601) Sociology (2602) AP Spanish IV (1150) Career Preparation I (7784)	Acad. Decathlon IV (9308) AP Spanish V (1160) Career Preparation II (7785) AP Studio Art OnRamps Chemistry OnRamps College Algebra

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will have the opportunity to participate in UIL, student leadership and service opportunities while in high school.

Edgewood Independent School District does not discriminate on the basis of race, religion, color, national origin, sex, or disability in providing education services, activities, and programs, including vocational programs, in accordance with Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments of 1972; Section 504 of the Rehabilitation Act of 1973, as amended.

Edgewood ISD Class of 2022 and Beyond



**Edgewood ISD**  
**Arts and Humanities Endorsement – Fine Arts: Theatre**

Location:  
STEAM at Fine Arts  
Academy

Fine Arts courses are offered at all of our high school campuses: Kennedy HS, Memorial HS, and STEAM at Fine Arts Academy. Through our classes and programs in the visual and performing arts, students are empowered and encouraged to develop a lifelong passion for making and appreciating the arts. Listed below are the specific classes that are included in the Fine Arts: Theatre Endorsement. Students will choose an area(s) of focus and will complete the coherent course sequence to earn the Fine Arts: Theatre Endorsement.

Course	Course Description
<b>6510, 6525, 6535, 6545</b> <b>Theatre Arts I-IV</b> Grade Level: 9-12 Prerequisite: Coherent Course Sequence Credit: 1 credit Weight: Regular Service ID: 03250100, 03250200, 03250300, 03250400	Theatre Arts is a course of the development of physical theatre, dramatic literature, and the role of the actor in the interpretation of that literature. Students study the basics of action, the tools of the craft, warm-up techniques, improvisation, and theatre exercises tying up to scene work realism. Through a variety of theatrical experiences, students will communicate in a dramatic form, make artistic choices, solve problems, build positive self-concepts, and relate interpersonally. Participation in theatre productions is required. The Academy's state-of-the-art theatrical black box will serve as the lab for the theatre arts students.
<b>6550, 6555, 6568, 6569</b> <b>Theatre Production I-IV</b> Grade Level: 9-12 Prerequisite: Coherent Course Sequence Credit: 1 credit Weight: Regular Service ID: 03250700, 03250800, 03250900, 03251000	Theatre Production is a co-curricular laboratory for the exploration, development, and synthesis of all elements of theatre arts courses. Practical experience in acting and stagecraft is provided through arts courses, individual preparation, and public performance of one or more plays. Students will design and execute aspects of theatrical productions. Students will participate in a major production each term using the Academy's theatrical black box and recital hall.
<b>6560, 6565, 6566, 6567</b> <b>Technical Theatre I-IV</b> Grade Level: 9-12 Prerequisite: Coherent Course Sequence Credit: 1 credit Weight: Regular Service ID: 03250500, 03250600, 03251100, 03251200	Students will study the technical aspects of theatre production such as lighting, sound, and special effects, working with theatre production crews using the state-of-the-art Black Box Theatre and the Auditorium. Students will study the heritage and traditions through historical and cultural studies in theatre. During these courses, students will describe and research vocational careers in technical theatre, locating training and apprenticeship opportunities. Students develop self-discipline in learning all aspects of technical theatre.





# Edgewood ISD Arts and Humanities Endorsement – Languages

Location:  
Kennedy HS and  
Memorial HS

Languages 4-Year Plan

Four Year Plan				
PERIOD	9TH	10TH	11TH	12TH
1	English I (1010) or Pre-AP English I (1012)	English II (1020) or Pre-AP English II (1022)	English III (1030) or AP English III (1032) or ENGL 1301/1302 DC(1031)	English IV (1040) or AP English IV (1043) or ENGL 2322/2323 DC(1044)
2	(EOC course: double-blocked for one credit)	(EOC course: double-blocked for one credit)	Algebra II (3150) or Pre-AP Pre-Cal (3161) or OnRamps Pre-Cal DE (3166)	Pre-Calculus (3160) or OnRamps Pre-Cal DE (3166) or AP Calculus AB (3170)
3	Algebra I (3130) or Pre-AP Geometry (3140)	Geometry (3135) or Pre-AP Algebra II (3155)	Physics (4380) or OnRamps Physics DE (4310)	Anatomy & Physiology (4551) or AP Biology (4250)
4	(EOC course: double- blocked for one credit)	Chemistry (4370) or Pre-AP Chemistry (4380)	U.S. History (2300) or AP U.S. History (2301)	AP Govt (2401)/Eco (2501) or GOVT 2305 DC (2405)/ ECON 1301 DC (2506)
5	Biology (4230) or Pre-AP Biology (4240)	World History (2200) or AP World History (2202)	Elective	Elective
6	World Geo. (2100) or AP Human Geo. (2608)	Elective	Elective	Elective
7	Spanish I (1110) or Spanish II (1120)	Spanish II (1120) or Spanish III Pre-AP (1130)	Spanish III Pre-AP (1130) or AP Spanish IV (1150)	AP Spanish IV (1150) or AP Spanish V (1160)
8	Elective (Fine Arts or PE)	Elective (Fine Arts or PE)	Elective	Elective
TOTAL CREDITS	8	8	8	8

DC – Dual Credit

DE – Dual Enrollment at UT

AP – Advanced Placement

Pre-AP – Pre-Advanced  
Placement

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Language Majors will choose at least <b>ONE</b> Fine Arts elective to fulfill Graduation Requirements.	Art I (6110) Theater Arts I (6510) Theatre Prod (6550) Tech Theatre I (6560) Choir I (6410) Marching Band I (6210) Orchestra I (6450) Mariachi I (6360) Stage Band I (Jazz) (6250) Dance I (6772) (varies)	Art II (varies) Theater Arts II (6525) Theatre Prod II (6555) Tech Theatre II (6566) Choir II (6420) Marching Band II (6220) Orchestra II (6451) Mariachi II (6365) Stage Band I (Jazz) (6255) Dance II (6773) (varies)	Art III (varies) Theater Arts III (6535) Theatre Prod III (6568) Tech Theatre III (6566) Choir III (6430) Marching Band III (6230) Orchestra III (6452) Mariachi III (6370) Stage Band III (Jazz) (6260) Dance III (6774) (varies)	Art IV (varies) Theater Arts IV (6545) Theatre Prod IV (6569) Tech Theatre IV (6567) Choir IV (6440) Marching Band IV (6240) Orchestra IV (6453) Mariachi IV (6375) Stage Band IV (Jazz) (6265) Dance IV (6775) (varies)

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Language Majors will choose at least <b>ONE</b> PE or PE Substitute to fulfill Graduation Requirements.	Marching Band I (6210) JROTC I (5410) Athletics I (5110/5210) Foundations (5010) Drill Team I (5310)	Marching Band II (6220) JROTC II (5420) Athletics II (5120/5220) Aerobic Activities I/II (5012/5022) Drill Team II (5320)	Marching Band III (6230) JROTC III (5430) Athletics III (5130/5230) Individual Sports I/II (5015/5023) Drill Team III (5330)	Marching Band IV (6240) JROTC IV (5440) Athletics (5140/5240) Team Sports I/II (5020/5024) Drill Team IV (5340)

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Language Majors may choose from the following electives if schedule allows. (Additional electives listed in course catalog.)	Debate I (9300) Academic Decathlon I (9305) Prof. Communications (1608) Dollars and Sense (7087) Business Information Management I (7102)	Debate II (9301) Acad. Decathlon II (9306) Lifetime Nutrition (7088) Child Development (7089) Business Information Management II (7116)	Debate III (9300) Acad. Decathlon III (9307) Psychology (2601) Sociology (2602) AP Spanish IV (1150) Career Preparation I (7784)	Acad. Decathlon IV (9308) AP Spanish V (1160) Career Preparation II (7785) AP Studio Art OnRamps Chemistry OnRamps College Algebra

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will have the opportunity to participate in UIL, student leadership and service opportunities while in high school.

Edgewood Independent School District does not discriminate on the basis of race, religion, color, national origin, sex, or disability in providing education services, activities, and programs, including vocational programs, in accordance with Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments of 1972; Section 504 of the Rehabilitation Act of 1973, as amended.

Edgewood ISD Class of 2022 and Beyond



**Edgewood ISD**  
**Arts and Humanities Endorsement – Languages**

Location:  
Kennedy HS and  
Memorial HS

Languages other than English (LOTE) courses are offered at all of our high school campuses: Kennedy HS, Memorial HS, and STEAM at Fine Arts Academy. In order to earn Arts and Humanities Endorsement-Languages, students must complete a coherent sequence of four courses in the same language, or two levels of the same language in a language other than English and two levels of a different language in a language other than English.

Course	Course Description
<b>1110 Spanish I</b> Grade Level: 9-12 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: 03440100	The first year Spanish course focuses on beginning recognition of new sounds through speaking and listening. Much of the work is oral, consisting of questions and answers in the language, dialogues, and a study of the culture. The study of grammar begins with reading and writing skills.
<b>1120 Spanish II</b> Grade Level: 9-12 Prerequisite: Spanish I Credit: 1 credit Weight: Regular Service ID: 03440200	The second year Spanish course continues vocabulary, dialogue, history and culture studies development. Grammar and structure are studied in more depth and the oral work begun during the first year is continued during the second. Writing and reading receive more emphasis in this course. Spanish II may be taken by incoming freshmen who pass a district-approved pre-test or who have taken Spanish I.
<b>1130 Spanish III Pre-AP</b> Grade Level: 9-12 Prerequisite: Spanish II Credit: 1 credit Weight: Regular Service ID: 03440300	The third year Spanish course is a continuation of the focus of the first two years, but progresses to the more difficult aspects of grammar and introduces literary works. Students broaden their vocabulary and general knowledge of the Spanish-speaking countries.
<b>1150 Spanish IV AP Language</b> Grade Level: 9-12 Prerequisite: Spanish III Credit: 1 credit Weight: AP (+10 points) Service ID: A3440100	The student is required to take the AP Spanish Language test. This test is designed to allow students to earn college credit if they receive a passing score dependent on the acceptance by the college or university. This course qualifies as a course for the Gifted and Talented (GT) Program. GT students will be provided differentiated instruction to meet their special needs.
<b>1160 Spanish V AP Literature</b> Grade Level: 9-12 Prerequisite: Spanish IV AP Language Credit: 1 credit Weight: AP (+10 points) Service ID: A3440200	The student is required to take the AP Spanish Language test. This test is designed to allow students to earn college credit if they receive a passing score dependent on the acceptance by the college or university. This course is designed to provide students with a learning experience equivalent to that of an introductory college course in literature written in Spanish. This course qualifies as a course for the Gifted and Talented (GT) Program. GT students will be provided differentiated instruction to meet their special needs.



# Edgewood ISD Business and Industry Endorsement – Audio/Video Production

Location:  
Kennedy HS

Audio/Video Production 4-Year Plan

Four Year Plan				
PERIOD	9 <sup>TH</sup>	10 <sup>TH</sup>	11 <sup>TH</sup>	12 <sup>TH</sup>
1	English I (1010) or Pre-AP English I (1012) (EOC course: double- blocked for one credit)	English II (1020) or Pre-AP English II (1022) (EOC course: double-blocked for one credit)	English III (1030) or AP English III (1032) or ENGL 1301/1302 DC(1031)	English IV (1040) or AP English IV (1043) or ENGL 2322/2323 DC(1044)
2			Algebra II (3150) or Pre-AP Pre-Cal (3161) or OnRamps Pre-Cal DE (3166)	Pre-Calculus (3160) or OnRamps Pre-Cal DE (3166) or AP Calculus AB (3170)
3	Algebra I (3130) or Pre-AP Geometry (3140) (EOC course: double- blocked for one credit)	Geometry (3135) or Pre-AP Algebra II (3155)	Physics (4380) or OnRamps Physics DE (4310)	Anatomy & Physiology (4551) or AP Biology (4250)
4		Chemistry (4370) or Pre-AP Chemistry (4380)	U.S. History (2300) or AP U.S. History (2301)	AP Govt (2401)/Eco (2501) or GOVT 2305 DC (2405)/ ECON 1301 DC (2506)
5	Biology (4230) or Pre-AP Biology (4240)	World History (2200) or AP World History (2202)	Elective	Elective
6	World Geo. (2100) or AP Human Geo. (2608)	Elective (Fine Arts or PE)	Elective	Audio/Video Production II (7030) 2.0
7	Principles of Arts, Audio/Video Technology, and Communications (7028)	Digital Media (7252)	Audio/Video Production I (7029)	
8	Elective (Fine Arts or PE)	Spanish I (1110) or Spanish II (1120)	Spanish II (1120) or Spanish III (1130)	Spanish III Pre-AP (1130) or AP Spanish IV (1150)
TOTAL CREDITS	8	8	8	8

DC – Dual Credit

DE – Dual Enrollment at UT

AP – Advanced Placement

Pre-AP – Pre-Advanced  
Placement

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Audio/Video Majors will choose at least <b>ONE</b> Fine Arts elective to fulfill Graduation Requirements.	Art I (6110) Theater Arts I (6510) Theatre Prod (6550) Tech Theatre I (6560) Choir I (6410) Marching Band I (6210) Orchestra I (6450) Mariachi I (6360) Stage Band I (Jazz) (6250) Dance I (6772) (varies)	Art II (varies) Theater Arts II (6525) Theatre Prod II (6555) Tech Theatre II (6566) Choir II (6420) Marching Band II (6220) Orchestra II (6451) Mariachi II (6365) Stage Band I (Jazz) (6255) Dance II (6773) (varies)	Art III (varies) Theater Arts III (6535) Theatre Prod III (6568) Tech Theatre III (6566) Choir III (6430) Marching Band III (6230) Orchestra III (6452) Mariachi III (6370) Stage Band III (Jazz) (6260) Dance III (6774) (varies)	Art IV (varies) Theater Arts IV (6545) Theatre Prod IV (6569) Tech Theatre IV (6567) Choir IV (6440) Marching Band IV (6240) Orchestra IV (6453) Mariachi IV (6375) Stage Band IV (Jazz) (6265) Dance IV (6775) (varies)

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Audio/Video Majors will choose at least <b>ONE</b> PE or PE Substitute to fulfill Graduation Requirements.	Marching Band I (6210) JROTC I (5410) Athletics I (5110/5210) Foundations (5010) Drill Team I (5310)	Marching Band II (6220) JROTC II (5420) Athletics II (5120/5220) Aerobic Activities I/II (5012/5022) Drill Team II (5320)	Marching Band III (6230) JROTC III (5430) Athletics III (5130/5230) Individual Sports I/II (5015/5023) Drill Team III (5330)	Marching Band IV (6240) JROTC IV (5440) Athletics (5140/5240) Team Sports I/II (5020/5024) Drill Team IV (5340)

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Audio/Video Majors may choose from the following electives if schedule allows. (Additional electives listed in course catalog.)	Debate I (9300) Academic Decathlon I (9305) Prof. Communications (1608) Dollars and Sense (7087) Business Information Management I (7102)	Debate II (9301) Acad. Decathlon II (9306) Lifetime Nutrition (7088) Child Development (7089) Business Information Management II (7116)	Debate III (9300) Acad. Decathlon III (9307) Psychology (2601) Sociology (2602) AP Spanish IV (1150) Career Preparation I (7784)	Acad. Decathlon IV (9308) AP Spanish V (1160) Career Preparation II (7785) AP Studio Art OnRamps Chemistry OnRamps College Algebra

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will have the opportunity to participate in UIL, student leadership and service opportunities while in high school.

Edgewood Independent School District does not discriminate on the basis of race, religion, color, national origin, sex, or disability in providing education services, activities, and programs, including vocational programs, in accordance with Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments of 1972; Section 504 of the Rehabilitation Act of 1973, as amended.

Edgewood ISD Class of 2022 and Beyond



**Edgewood ISD**  
**Business and Industry Endorsement – Audio/Video**  
**Production**

Location:  
Kennedy HS

Course	Course Description
<b>7028 Principles of Art, Audio/Video Technology, and Communication</b> Grade Level: 9 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: 13008200	The Arts, Audio/Video Technology, and Communications Career Cluster requires a creative aptitude, a strong background in computer technology applications, a strong academic foundation, and a proficiency in oral and written communication. Within this context, students will be expected to develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those opportunities. Topics of study in this course include animation, audio-video production, print and imaging, fashion design, graphic design and illustration, commercial photography, and video game design. This course is part of a coherent course sequence.
<b>7252 Digital Media</b> Grade Level: 9 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: 13027800	In Digital Media, students will analyze and assess current and emerging technologies, while designing and creating multimedia projects that address customer needs and resolve a problem. Students will 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 will enhance reading, writing, computing, communication, and critical thinking and apply them to the IT environment. This course is part of a coherent course sequence.
<b>7029 Audio/Video Production I</b> Grade Level: 11 Prerequisite: Principles of Arts, Audio/Video Technology, and Communication AND Digital Media Credit: 1 credit Weight: Regular Service ID: 13008500	In this course, students explore all aspects of the audio/video communications industry. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts and Audio/Video Career Cluster, students develop an understanding of the industry with a focus on pre-production, production, and post-production activities. This course is part of a coherent course sequence.
<b>7030 Audio/Video Production II</b> Grade Level: 11 Prerequisite: Principles of Arts, Audio/Video Technology, and Communication, Digital Media, AND Audio/Video Production I Credit: 2 credits Weight: Regular Service ID: 13008610	In this course, students explore all aspects of the audio/video communications industry. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts and Audio/Video Career Cluster, students develop an understanding of the industry with a focus on pre-production, production, and post-production activities. This is the final course of a coherent course sequence.

### CTE Certifications/Licenses

Students have the potential to earn CTE Certifications/Licenses in the following areas: **Adobe After Effects, Adobe Photoshop, and Adobe Premier.**



# Edgewood ISD Business and Industry Endorsement – Automotive Technology

Location:  
Kennedy HS

Automotive Technology 4-Year Plan

Four Year Plan				
PERIOD	9 <sup>TH</sup>	10 <sup>TH</sup>	11 <sup>TH</sup>	12 <sup>TH</sup>
1	English I (1010) or Pre-AP English I (1012) (EOC course: double-blocked for one credit)	English II (1020) or Pre-AP English II (1022) (EOC course: double-blocked for one credit)	English III (1030) or AP English III (1032) or ENGL 1301/1302 DC (1031)	English IV (1040) or AP English IV (1043) or ENGL 2322/2323 DC (1044)
2			Algebra II (3150) or Pre-AP Pre-Cal (3161) or OnRamps Pre-Cal DE (3166)	Pre-Calculus (3160) or OnRamps Pre-Cal DE (3166) or AP Calculus AB (3170)
3	Algebra I (3130) or Pre-AP Geometry (3140) (EOC course: double-blocked for one credit)	Geometry (3135) or Pre-AP Algebra II (3155)	Physics (4380) or OnRamps Physics DE (4310)	Anatomy & Physiology (4551) or AP Biology (4250)
4		Chemistry (4370) or Pre-AP Chemistry (4380)	U.S. History (2300) or AP U.S. History (2301)	AP Govt (2401)/Eco (2501) or GOVT 2305 DC (2405)/ECON 1301 DC (2506)
5	Biology (4230) or Pre-AP Biology (4240)	World History (2200) or AP World History (2202)	Elective (Fine Arts or PE)	Elective
6	World Geo. (2100) or AP Human Geo. (2608)	Automotive Technology I (7267) 2.0	Automotive Technology II (7268) 2.0	Practicum in Transportation Services (7270) 2.0
7	Automotive Basics (7260)			
8	Elective (Fine Arts or PE)	Spanish I (1110) or Spanish II (1120)	Spanish II (1120) or Spanish III Pre-AP (1130)	Spanish III Pre-AP (1130) or AP Spanish IV (1150)
TOTAL CREDITS	8	8	8	8

DC – Dual Credit

DE – Dual Enrollment at UT

AP – Advanced Placement

Pre-AP – Pre-Advanced Placement

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Automotive Technology Majors will choose at least <b>ONE</b> Fine Arts elective to fulfill Graduation Requirements.	Art I (6110) Theater Arts I (6510) Theatre Prod (6550) Tech Theatre I (6560) Choir I (6410) Marching Band I (6210) Orchestra I (6450) Mariachi I (6360) Stage Band I (Jazz) (6250) Dance I (6772) (varies)	Art II (varies) Theater Arts II (6525) Theatre Prod II (6555) Tech Theatre II (6566) Choir II (6420) Marching Band II (6220) Orchestra II (6451) Mariachi II (6365) Stage Band I (Jazz) (6255) Dance II (6773) (varies)	Art III (varies) Theater Arts III (6535) Theatre Prod III (6568) Tech Theatre III (6566) Choir III (6430) Marching Band III (6230) Orchestra III (6452) Mariachi III (6370) Stage Band III (Jazz) (6260) Dance III (6774) (varies)	Art IV (varies) Theater Arts IV (6545) Theatre Prod IV (6569) Tech Theatre IV (6567) Choir IV (6440) Marching Band IV (6240) Orchestra IV (6453) Mariachi IV (6375) Stage Band IV (Jazz) (6265) Dance IV (6775) (varies)

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Automotive Technology Majors will choose at least <b>ONE</b> PE or PE Substitute to fulfill Graduation Requirements.	Marching Band I (6210) JROTC I (5410) Athletics I (5110/5210) Foundations (5010) Drill Team I (5310)	Marching Band II (6220) JROTC II (5420) Athletics II (5120/5220) Aerobic Activities I/II (5012/5022) Drill Team II (5320)	Marching Band III (6230) JROTC III (5430) Athletics III (5130/5230) Individual Sports I/II (5015/5023) Drill Team III (5330)	Marching Band IV (6240) JROTC IV (5440) Athletics (5140/5240) Team Sports I/II (5020/5024) Drill Team IV (5340)

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Automotive Technology Majors may choose from the following electives if schedule allows. (Additional electives listed in course catalog.)	Debate I (9300) Academic Decathlon I (9305) Prof. Communications (1608) Dollars and Sense (7087) Business Information Management I (7102)	Debate II (9301) Acad. Decathlon II (9306) Lifetime Nutrition (7088) Child Development (7089) Business Information Management II (7116)	Debate III (9300) Acad. Decathlon III (9307) Psychology (2601) Sociology (2602) AP Spanish IV (1150) Career Preparation I (7784)	Acad. Decathlon IV (9308) AP Spanish V (1160) Career Preparation II (7785) AP Studio Art OnRamps Chemistry OnRamps College Algebra

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will have the opportunity to participate in UIL, student leadership and service opportunities while in high school.

Edgewood Independent School District does not discriminate on the basis of race, religion, color, national origin, sex, or disability in providing education services, activities, and programs, including vocational programs, in accordance with Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments of 1972; Section 504 of the Rehabilitation Act of 1973, as amended.

Edgewood ISD Class of 2022 and Beyond





**Edgewood ISD**  
**Business and Industry Endorsement – Automotive**  
**Technology**

Location:  
Kennedy HS

Course	Course Description
<b>7260 Automotive Basics</b> Grade Level: 9 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: 13039550	Automotive Basics includes knowledge of the basic [major] automotive systems and the theory and principles of the components that make up each system and how to service [diagnosing and serving] these systems. Automotive Basics includes applicable safety and environmental rules and regulations. In Automotive Basics, students will gain knowledge and skills in the repair, maintenance, and servicing [diagnosis] of vehicle systems. This study allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach safety, tool identification, proper tool use, and employability. This course is part of a coherent course sequence.
<b>7267 Automotive Technology I: Maintenance and Light Repair</b> Grade Level: 10 Prerequisite: Automotive Basics OR Energy, Power, and Transportation Credit: 2 credits Weight: Regular Service ID: 13039600	Automotive Technology I: Maintenance and Light Repair includes knowledge of the major automotive systems and the principles of diagnosing and servicing these systems and includes applicable safety and environmental rules and regulations. Students will gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. This study will allow students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach safety, tool identification, proper tool use, and employability. This course is part of a coherent course sequence.
<b>7268 Automotive Technology II: Automotive Service</b> Grade Level: 11 Prerequisite: Automotive Technology I Credit: 2 credits Weight: Regular Service ID: 13039700	Automotive Technology II: Automotive Service includes knowledge of the major automotive systems, the principles of diagnosing and servicing these systems, along with applicable safety and environmental rules and regulations. Students will gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. This study will allow students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach safety, tool identification, proper tool use, and employability. This course is part of a coherent course sequence.
<b>7270 Practicum in Transportation Systems</b> Grade Level: 12 Prerequisite: Automotive Technology II Credit: 2 credits Weight: Regular Service ID: 13040450	Practicum in Transportation Systems is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience such as internships, mentorships, independent study, or laboratories. The Practicum can be either school lab based or work based. Students are taught employability skills to prepare for college and career success, which include job-specific skills applicable to their training plan, job interview techniques, communication skills, financial and budget activities, human relations, and portfolio development. This course is for students participating in a coherent sequence of career and technical education courses in the Transportation, Distribution, and Logistics Career Cluster. This course is the final course of a coherent course sequence.

### CTE Certifications/Licenses

Students have the potential to earn CTE Certifications/Licenses in the following areas: **Occupational Safety and Health Administration (OSHA), ASE: Suspension and Steering, ASE: Air Conditioning, ASE: Electrical/Electronic Systems, ASE: Brakes, ASE: Maintenance and Light Repair, ASE: Automobile Service Technician.**



# Edgewood ISD Business and Industry Endorsement – Construction

Location:  
STEAM at Fine Arts  
Academy

Construction 4-Year Plan

Four Year Plan				
PERIOD	9 <sup>TH</sup>	10 <sup>TH</sup>	11 <sup>TH</sup>	12 <sup>TH</sup>
1	English I (1010) or Pre-AP English I (1012) (EOC course: double- blocked for one credit)	English II (1020) or Pre-AP English II (1022) (EOC course: double-blocked for one credit)	English III (1030) or AP English III (1032) or ENGL 1301/1302 DC(1031)	English IV (1040) or AP English IV (1043) or ENGL 2322/2323 DC(1044)
2			Algebra II (3150) or Pre-AP Pre-Cal (3161) or OnRamps Pre-Cal DE (3166)	Pre-Calculus (3160) or OnRamps Pre-Cal DE (3166) or AP Calculus AB (3170)
3	Algebra I (3130) or Pre-AP Geometry (3140) (EOC course: double- blocked for one credit)	Geometry (3135) or Pre-AP Algebra II (3155)	Physics (4380) or OnRamps Physics DE (4310)	Anatomy & Physiology (4551) or AP Biology (4250)
4		Chemistry (4370) or Pre-AP Chemistry (4380)	U.S. History (2300) or AP U.S. History (2301)	AP Govt (2401)/Eco (2501) or GOVT 2305 DC (2405)/ ECON 1301 DC (2506)
5	Biology (4230) or Pre-AP Biology (4240)	World History (2200) or AP World History (2202)	Elective (Fine Arts or PE)	Elective
6	World Geo. (2100) or AP Human Geo. (2608)	Construction Technology I (7060) 2.0	Construction Technology II (7050) 2.0	Practicum in Construction Technology (7051) 2.0
7	Principles of Construction (7049)			
8	Elective (Fine Arts or PE)	Spanish I (1110) or Spanish II (1120)	Spanish II (1120) or Spanish III Pre-AP (1130)	Spanish III Pre-AP (1130) or AP Spanish IV (1150)
TOTAL CREDITS	8	8	8	8

DC – Dual Credit

DE – Dual Enrollment at UT

AP – Advanced Placement

Pre-AP – Pre-Advanced  
Placement

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Construction Majors will choose at least <b>ONE</b> Fine Arts elective to fulfill Graduation Requirements.	Art I (6110) Theater Arts I (6510) Theatre Prod (6550) Tech Theatre I (6560) Choir I (6410) Marching Band I (6210) Orchestra I (6450) Mariachi I (6360) Stage Band I (Jazz) (6250) Dance I (6772) (varies)	Art II (varies) Theater Arts II (6525) Theatre Prod II (6555) Tech Theatre II (6566) Choir II (6420) Marching Band II (6220) Orchestra II (6451) Mariachi II (6365) Stage Band I (Jazz) (6255) Dance II (6773) (varies)	Art III (varies) Theater Arts III (6535) Theatre Prod III (6568) Tech Theatre III (6566) Choir III (6430) Marching Band III (6230) Orchestra III (6452) Mariachi III (6370) Stage Band III (Jazz) (6260) Dance III (6774) (varies)	Art IV (varies) Theater Arts IV (6545) Theatre Prod IV (6569) Tech Theatre IV (6567) Choir IV (6440) Marching Band IV (6240) Orchestra IV (6453) Mariachi IV (6375) Stage Band IV (Jazz) (6265) Dance IV (6775) (varies)

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Construction Majors will choose at least <b>ONE</b> PE or PE Substitute to fulfill Graduation Requirements.	Marching Band I (6210) JROTC I (5410) Athletics I (5110/5210) Foundations (5010) Drill Team I (5310)	Marching Band II (6220) JROTC II (5420) Athletics II (5120/5220) Aerobic Activities I/II (5012/5022) Drill Team II (5320)	Marching Band III (6230) JROTC III (5430) Athletics III (5130/5230) Individual Sports I/II (5015/5023) Drill Team III (5330)	Marching Band IV (6240) JROTC IV (5440) Athletics (5140/5240) Team Sports I/II (5020/5024) Drill Team IV (5340)

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Construction Majors may choose from the following electives if schedule allows. (Additional electives listed in course catalog.)	Debate I (9300) Academic Decathlon I (9305) Prof. Communications (1608) Dollars and Sense (7087) Business Information Management I (7102)	Debate II (9301) Acad. Decathlon II (9306) Lifetime Nutrition (7088) Child Development (7089) Business Information Management II (7116)	Debate III (9300) Acad. Decathlon III (9307) Psychology (2601) Sociology (2602) AP Spanish IV (1150) Career Preparation I (7784)	Acad. Decathlon IV (9308) AP Spanish V (1160) Career Preparation II (7785) AP Studio Art OnRamps Chemistry OnRamps College Algebra

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will have the opportunity to participate in UIL, student leadership and service opportunities while in high school.

Edgewood Independent School District does not discriminate on the basis of race, religion, color, national origin, sex, or disability in providing education services, activities, and programs, including vocational programs, in accordance with Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments of 1972; Section 504 of the Rehabilitation Act of 1973, as amended.

Edgewood ISD Class of 2022 and Beyond



**Edgewood ISD**  
**Business and Industry Endorsement – Construction**

Location:  
 STEAM at Fine Arts  
 Academy

Course	Course Description
<b>7049 Principles of Construction</b> Grade Level: 9 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: 13004220	Principles of Construction is intended to provide an introduction and lay a solid foundation for those students entering the construction or craft skilled areas. The course provides a strong knowledge of construction safety, construction mathematics, and common hand and power tools. Students will receive an overview of Occupational Safety and Health Administration (OSHA) and be able to earn Advanced Technical Credit (ATC). This course also provides communication and occupation skills to assist the student in obtaining and maintaining employment. This course is part of a coherent course sequence.
<b>7060 Construction Technology I</b> Grade Level: 10 Prerequisite: Principles of Construction OR Principles of Architecture and Construction Credit: 2 credits Weight: Regular Service ID: 13005100	In this course, students will gain knowledge and skills needed to enter the workforce as carpenters or building maintenance supervisors or to prepare for a postsecondary degree in construction management, architecture, or engineering. Students will acquire knowledge and skills in safety, tool usage, building materials, codes, and framing. Certification opportunities in this course include Home Builders Institute (HBI) and OSHA. This course is part of a coherent course sequence.
<b>7050 Construction Technology II</b> Grade Level: 11 Prerequisite: Construction Technology I Credit: 2 credits Weight: Regular Service ID: 13005200	In Construction Technology II, students will gain advanced knowledge and skills needed to enter the workforce as carpenters, building maintenance technicians or supervisors, or to prepare for a postsecondary degree in construction management, architecture, or engineering. Students will build on the knowledge base from Construction Technology I and are introduced to exterior and interior finish out skills. Students have the opportunity to earn certifications in this course. Certifications may include HBI, National Center for Construction Education (NCCER), OSHA, and ATC. This course is part of a coherent course sequence.
<b>7051 Practicum in Construction Technology</b> Grade Level: 12 Prerequisite: Construction Technology II Credit: 2 credits Weight: Regular Service ID: 13005250	Practicum in Construction Technology, students will be challenged with the application of gained knowledge and skills from Construction Technology I and II. In many cases students will be allowed to work at a job (paid or unpaid) outside of school or be involved in local projects the school has approved for this class. Students are taught employability skills to prepare for college and career success, which include job specific skills applicable to their training plan, job interview techniques, communication skills, financial and budget activities, human relations, and portfolio development. This course is for students participating in a coherent sequence of career and technical education courses in the Architecture and Construction Career Cluster. Student have the opportunity to earn certifications in this course. Certifications may include HBI and NCCER. This course is the final course of a coherent course sequence.

### CTE Certifications/Licenses

Students have the potential to earn CTE Certifications/Licenses in the following areas: **National Center for Construction Education (NCCER): Core Certification, National Center for Construction Education (NCCER): Carpentry Certification, Occupational Safety and Health Administration (OSHA).**





Four Year Plan				
PERIOD	9 <sup>TH</sup>	10 <sup>TH</sup>	11 <sup>TH</sup>	12 <sup>TH</sup>
1	English I (1010) or Pre-AP English I (1012) (EOC course: double-blocked for one credit)	English II (1020) or Pre-AP English II (1022) (EOC course: double-blocked for one credit)	English III (1030) or AP English III (1032) or ENGL 1301/1302 DC(1031)	English IV (1040) or AP English IV (1043) or ENGL 2322/2323 DC(1044)
2			Algebra II (3150) or Pre-AP Pre-Cal (3161) or OnRamps Pre-Cal DE (3166)	Pre-Calculus (3160) or OnRamps Pre-Cal DE (3166) or AP Calculus AB (3170)
3	Algebra I (3130) or Pre-AP Geometry (3140) (EOC course: double-blocked for one credit)	Geometry (3135) or Pre-AP Algebra II (3155)	Physics (4380) or OnRamps Physics DE (4310)	Anatomy & Physiology (4551) or AP Biology (4250)
4		Chemistry (4370) or Pre-AP Chemistry (4380)	U.S. History (2300) or AP U.S. History (2301)	AP Govt (2401)/Eco (2501) or GOVT 2305 DC (2405)/ECON 1301 DC (2506)
5	Biology (4230) or Pre-AP Biology (4240)	World History (2200) or AP World History (2202)	Elective	Practicum in Culinary Arts + Extended Practicum (7244) 3.0
6	World Geo. (2100) or AP Human Geo. (2608)	Elective (Fine Arts or PE)	Culinary Arts (7242) 2.0	
7	Principles of Hospitality and Tourism (7240)	Introduction to Culinary Arts (7241)		
8	Elective (Fine Arts or PE)	Spanish I (1110) or Spanish II (1120)	Spanish II (1120) or Spanish III Pre-AP (1130)	Spanish III Pre-AP (1130) or AP Spanish IV (1150)
TOTAL CREDITS	8	8	8	8

DC – Dual Credit

DE – Dual Enrollment at UT

AP – Advanced Placement

Pre-AP – Pre-Advanced Placement

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Culinary Arts Majors will choose at least <b>ONE</b> Fine Arts elective to fulfill Graduation Requirements.	Art I (6110) Theater Arts I (6510) Theatre Prod (6550) Tech Theatre I (6560) Choir I (6410) Marching Band I (6210) Orchestra I (6450) Mariachi I (6360) Stage Band I (Jazz) (6250) Dance I (6772) (varies)	Art II (varies) Theater Arts II (6525) Theatre Prod II (6555) Tech Theatre II (6566) Choir II (6420) Marching Band II (6220) Orchestra II (6451) Mariachi II (6365) Stage Band I (Jazz) (6255) Dance II (6773) (varies)	Art III (varies) Theater Arts III (6535) Theatre Prod III (6568) Tech Theatre III (6566) Choir III (6430) Marching Band III (6230) Orchestra III (6452) Mariachi III (6370) Stage Band III (Jazz) (6260) Dance III (6774) (varies)	Art IV (varies) Theater Arts IV (6545) Theatre Prod IV (6569) Tech Theatre IV (6567) Choir IV (6440) Marching Band IV (6240) Orchestra IV (6453) Mariachi IV (6375) Stage Band IV (Jazz) (6265) Dance IV (6775) (varies)

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Culinary Arts Majors will choose at least <b>ONE</b> PE or PE Substitute to fulfill Graduation Requirements.	Marching Band I (6210) JROTC I (5410) Athletics I (5110/5210) Foundations (5010) Drill Team I (5310)	Marching Band II (6220) JROTC II (5420) Athletics II (5120/5220) Aerobic Activities I/II (5012/5022) Drill Team II (5320)	Marching Band III (6230) JROTC III (5430) Athletics III (5130/5230) Individual Sports I/II (5015/5023) Drill Team III (5330)	Marching Band IV (6240) JROTC IV (5440) Athletics (5140/5240) Team Sports I/II (5020/5024) Drill Team IV (5340)

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Culinary Arts Majors may choose from the following electives if schedule allows. (Additional electives listed in course catalog.)	Debate I (9300) Academic Decathlon I (9305) Prof. Communications (1608) Dollars and Sense (7087) Business Information Management I (7102)	Debate II (9301) Acad. Decathlon II (9306) Lifetime Nutrition (7088) Child Development (7089) Business Information Management II (7116)	Debate III (9300) Acad. Decathlon III (9307) Psychology (2601) Sociology (2602) AP Spanish IV (1150) Career Preparation I (7784)	Acad. Decathlon IV (9308) AP Spanish V (1160) Career Preparation II (7785) AP Studio Art OnRamps Chemistry OnRamps College Algebra

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will have the opportunity to participate in UIL, student leadership and service opportunities while in high school.

Edgewood Independent School District does not discriminate on the basis of race, religion, color, national origin, sex, or disability in providing education services, activities, and programs, including vocational programs, in accordance with Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments of 1972; Section 504 of the Rehabilitation Act of 1973, as amended.



Course	Course Description
<b>7240 Principles of Hospitality and Tourism</b> Grade Level: 9 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: 13022200	Principles of Hospitality and Tourism introduces students to an industry that encompasses lodging, travel and tourism, recreation, amusements, attractions, and food/beverage operations. Students learn knowledge and skills focusing on communication, time management, and customer service that meet industry standards. Students will explore the history of the hospitality and tourism industry and examine characteristics needed for success in that industry. The Texas Friendly Certification may be earned in this course. This course is part of a coherent course sequence.
<b>7241 Introduction to Culinary Arts</b> Grade Level: 10 Prerequisite: Principles of Hospitality and Tourism Credit: 1 credit Weight: Regular Service ID: 13022550	Introduction to Culinary Arts will emphasize the principles of planning, organizing, staffing, directing, and controlling the management of a variety of food service operations. The course will provide insight into the operation of a well-run restaurant. Introduction to Culinary Arts will provide insight into food production skills, various levels of industry management, and hospitality skills. This is an entry level course for students interested in pursuing a career in the food service industry. Students can pursue a Texas Culinary Specialist Certification, a Texas Food Handlers Certification, or any other appropriate industry certification. This course is offered as a classroom and laboratory-based course. This course is part of a coherent course sequence.
<b>7242 Culinary Arts</b> Grade Level: 11 Prerequisite: Introduction to Culinary Arts OR Restaurant Management Credit: 2 credits Weight: Regular Service ID: 13022600	Culinary Arts begins with the fundamentals and principles of the art of cooking and the science of baking and includes management and production skills and techniques. Students can pursue a National Sanitation Certification or other appropriate industry certifications. This course is offered as a laboratory-based course and is part of a coherent course sequence.
<b>7244 Practicum in Culinary Arts + Extended Practicum</b> Grade Level: 12 Prerequisite: Culinary Arts Credit: 3 credits Weight: Regular Service ID: 13022705	Practicum in Culinary Arts is a unique practicum that provides occupationally specific opportunities for students to participate in a learning experience that combines classroom instruction with actual business and industry career experiences. Practicum in Culinary Arts integrates academic, career, and technical education; provides more interdisciplinary instruction; and supports strong partnerships among schools, businesses, and community institutions with the goal of preparing students with a variety of skills in a fast-changing workplace. Students are taught employability skills to prepare for college and career success, which include job-specific skills applicable to their training plan, job interview techniques, communication skills, financial and budget activities, human relations, and portfolio development. Instructions may be delivered through school-based laboratory training or through work-based delivery arrangements such as cooperative education, mentoring, and job shadowing. This course is for students participating in a coherent sequence of career and technical education courses in the Hospitality and tourism Career Cluster. This is the final course of a coherent course sequence.

### CTE Certifications/Licenses

Students have the potential to earn CTE Certifications/Licenses in the following areas: **Texas Food Handlers Certification, CPR/First Aid, START: Certified Kitchen Cook (CGSP), START: Certified Restaurant Server, Occupational Safety and Health Administration (OSHA), Texas Food Managers Certification, Texas Friendly Certification.**



# Edgewood ISD Business and Industry Endorsement – Hospitality and Tourism

Location:  
Memorial HS

Hospitality and Tourism 4-Year Plan

Four Year Plan				
PERIOD	9 <sup>TH</sup>	10 <sup>TH</sup>	11 <sup>TH</sup>	12 <sup>TH</sup>
1	English I (1010) or Pre-AP English I (1012) (EOC course: double- blocked for one credit)	English II (1020) or Pre-AP English II (1022) (EOC course: double-blocked for one credit)	English III (1030) or AP English III (1032) or ENGL 1301/1302 DC(1031)	English IV (1040) or AP English IV (1043) or ENGL 2322/2323 DC(1044)
2			Algebra II (3150) or Pre-Calculus (3160)	Pre-Calculus (3160) or AP Calculus AB (3170)
3	Algebra I (3130) or Pre-AP Geometry (3140) (EOC course: double- blocked for one credit)	Geometry (3135) or Pre-AP Algebra II (3155)	Physics (4380) or Pre-AP Physics (4401)	Anatomy & Physiology (4551) or AP Biology (4250)
4		Chemistry (4370) or Pre-AP Chemistry (4380)	U.S. History (2300) or AP U.S. History (2301)	AP Govt (2401)/Eco (2501) or GOVT 2305 DC (2405)/ ECON 1301 DC (2506)
5	Biology (4230) or Pre-AP Biology (4240)	World History (2200) or AP World History (2202)	Elective	Practicum in Hospitality Services + Extended Practicum (7238) 3.0
6	World Geo. (2100) or AP Human Geo. (2608)	Elective (Fine Arts or PE)	Hospitality Services (7234) 2.0	
7	Principles of Hospitality and Tourism (7240)	Travel and Tourism Management (7236)		
8	Elective (Fine Arts or PE)	Spanish I (1110) or Spanish II (1120)	Spanish II (1120) or Spanish III (1130)	Spanish III (1130) or AP Spanish IV (1150)
TOTAL CREDITS	8	8	8	8

DC – Dual Credit

DE – Dual Enrollment at UT

AP – Advanced Placement

Pre-AP – Pre-Advanced  
Placement

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Hospitality and Tourism Majors will choose at least <b>ONE</b> Fine Arts elective to fulfill Graduation Requirements.	Art I (6110) Theater Arts I (6510) Theatre Prod (6550) Tech Theatre I (6560) Choir I (6410) Marching Band I (6210) Orchestra I (6450) Mariachi I (6360) Stage Band I (Jazz) (6250) Dance I (6772) (varies)	Art II (varies) Theater Arts II (6525) Theatre Prod II (6555) Tech Theatre II (6566) Choir II (6420) Marching Band II (6220) Orchestra II (6451) Mariachi II (6365) Stage Band I (Jazz) (6255) Dance II (6773) (varies)	Art III (varies) Theater Arts III (6535) Theatre Prod III (6568) Tech Theatre III (6566) Choir III (6430) Marching Band III (6230) Orchestra III (6452) Mariachi III (6370) Stage Band III (Jazz) (6260) Dance III (6774) (varies)	Art IV (varies) Theater Arts IV (6545) Theatre Prod IV (6569) Tech Theatre IV (6567) Choir IV (6440) Marching Band IV (6240) Orchestra IV (6453) Mariachi IV (6375) Stage Band IV (Jazz) (6265) Dance IV (6775) (varies)

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Hospitality and Tourism Majors will choose at least <b>ONE</b> PE or PE Substitute to fulfill Graduation Requirements.	Marching Band I (6210) JROTC I (5410) Athletics I (5110/5210) Foundations (5010) Drill Team I (5310)	Marching Band II (6220) JROTC II (5420) Athletics II (5120/5220) Aerobic Activities I/II (5012/5022) Drill Team II (5320)	Marching Band III (6230) JROTC III (5430) Athletics III (5130/5230) Individual Sports I/II (5015/5023) Drill Team III (5330)	Marching Band IV (6240) JROTC IV (5440) Athletics (5140/5240) Team Sports I/II (5020/5024) Drill Team IV (5340)

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Hospitality and Tourism Majors may choose from the following electives if schedule allows. (Additional electives listed in course catalog.)	Debate I (9300) Academic Decathlon I (9305) Prof. Communications (1608) Dollars and Sense (7087) Business Information Management I (7102)	Debate II (9301) Acad. Decathlon II (9306) Lifetime Nutrition (7088) Child Development (7089) Business Information Management II (7116)	Debate III (9300) Acad. Decathlon III (9307) Psychology (2601) Sociology (2602) AP Spanish IV (1150) Career Preparation I (7784)	Acad. Decathlon IV (9308) AP Spanish V (1160) Career Preparation II (7785)

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will have the opportunity to participate in UIL, student leadership and service opportunities while in high school.

Edgewood Independent School District does not discriminate on the basis of race, religion, color, national origin, sex, or disability in providing education services, activities, and programs, including vocational programs, in accordance with Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments of 1972; Section 504 of the Rehabilitation Act of 1973, as amended.

Edgewood ISD Class of 2022 and Beyond



# Edgewood ISD Business and Industry Endorsement – Informational Technology/Cybersecurity

Location:  
Kennedy HS

IT/Cybersecurity 4-Year Plan

Four Year Plan				
PERIOD	9 <sup>TH</sup>	10 <sup>TH</sup>	11 <sup>TH</sup>	12 <sup>TH</sup>
1	English I (1010) or Pre-AP English I (1012) (EOC course: double-blocked for one credit)	English II (1020) or Pre-AP English II (1022) (EOC course: double-blocked for one credit)	English III (1030) or AP English III (1032) or ENGL 1301/1302 DC(1031)	English IV (1040) or AP English IV (1043) or ENGL 2322/2323 DC(1044)
2			Algebra II (3150) or Pre-Calculus (3160)	Pre-Calculus (3160) or AP Calculus AB (3170)
3	Algebra I (3130) or Pre-AP Geometry (3140) (EOC course: double-blocked for one credit)	Geometry (3135) or Pre-AP Algebra II (3155)	Physics (4380) or Pre-AP Physics (4401)	Anatomy & Physiology (4551) or AP Biology (4250)
4		Chemistry (4370) or Pre-AP Chemistry (4380)	U.S. History (2300) or AP U.S. History (2301)	AP Govt (2401)/Eco (2501) or GOVT 2305 DC (2405)/ECON 1301 DC (2506)
5	Biology (4230) or Pre-AP Biology (4240)	World History (2200) or AP World History (2202)	Elective	Elective
6	World Geo. (2100) or AP Human Geo. (2608)	Elective (Fine Arts or PE)	Networking + Networking Lab (7258) 2.0	Computer Technician Practicum (7255) 2.0
7	Principles of Information Technology (7250)	Computer Maintenance (7251)		
8	Elective (Fine Arts or PE)	Spanish I (1110) or Spanish II (1120)	Spanish II (1120) or Spanish III (1130)	Spanish III (1130) or AP Spanish IV (1150)
TOTAL CREDITS	8	8	8	8

DC – Dual Credit

DE – Dual Enrollment at UT

AP – Advanced Placement

Pre-AP – Pre-Advanced Placement

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
IT/Cybersecurity Majors will choose at least <b>ONE</b> Fine Arts elective to fulfill Graduation Requirements.	Art I (6110) Theater Arts I (6510) Theatre Prod (6550) Tech Theatre I (6560) Choir I (6410) Marching Band I (6210) Orchestra I (6450) Mariachi I (6360) Stage Band I (Jazz) (6250) Dance I (6772) (varies)	Art II (varies) Theater Arts II (6525) Theatre Prod II (6555) Tech Theatre II (6566) Choir II (6420) Marching Band II (6220) Orchestra II (6451) Mariachi II (6365) Stage Band I (Jazz) (6255) Dance II (6773) (varies)	Art III (varies) Theater Arts III (6535) Theatre Prod III (6568) Tech Theatre III (6566) Choir III (6430) Marching Band III (6230) Orchestra III (6452) Mariachi III (6370) Stage Band III (Jazz) (6260) Dance III (6774) (varies)	Art IV (varies) Theater Arts IV (6545) Theatre Prod IV (6569) Tech Theatre IV (6567) Choir IV (6440) Marching Band IV (6240) Orchestra IV (6453) Mariachi IV (6375) Stage Band IV (Jazz) (6265) Dance IV (6775) (varies)

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
IT/Cybersecurity Majors will choose at least <b>ONE</b> PE or PE Substitute to fulfill Graduation Requirements.	Marching Band I (6210) JROTC I (5410) Athletics I (5110/5210) Foundations (5010) Drill Team I (5310)	Marching Band II (6220) JROTC II (5420) Athletics II (5120/5220) Aerobic Activities I/II (5012/5022) Drill Team II (5320)	Marching Band III (6230) JROTC III (5430) Athletics III (5130/5230) Individual Sports I/II (5015/5023) Drill Team III (5330)	Marching Band IV (6240) JROTC IV (5440) Athletics (5140/5240) Team Sports I/II (5020/5024) Drill Team IV (5340)

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
IT/Cybersecurity Majors may choose from the following electives if schedule allows. (Additional electives listed in course catalog.)	Debate I (9300) Academic Decathlon I (9305) Prof. Communications (1608) Dollars and Sense (7087) Business Information Management I (7102)	Debate II (9301) Acad. Decathlon II (9306) Lifetime Nutrition (7088) Child Development (7089) Business Information Management II (7116)	Debate III (9300) Acad. Decathlon III (9307) Psychology (2601) Sociology (2602) AP Spanish IV (1150) Career Preparation I (7784)	Acad. Decathlon IV (9308) AP Spanish V (1160) Career Preparation II (7785)

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will have the opportunity to participate in UIL, student leadership and service opportunities while in high school.

Edgewood Independent School District does not discriminate on the basis of race, religion, color, national origin, sex, or disability in providing education services, activities, and programs, including vocational programs, in accordance with Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments of 1972; Section 504 of the Rehabilitation Act of 1973, as amended.

Edgewood ISD Class of 2022 and Beyond



**Edgewood ISD**  
**Business and Industry Endorsement – Hospitality and Tourism**

Location:  
 Memorial HS

Course	Course Description
<b>7240 Principles of Hospitality and Tourism</b> Grade Level: 9 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: 13022200	Principles of Hospitality and Tourism introduces students to an industry that encompasses lodging, travel and tourism, recreation, amusements, attractions, and food/beverage operations. Students learn knowledge and skills focusing on communication, time management, and customer service that meet industry standards. Students will explore the history of the hospitality and tourism industry and examine characteristics needed for success in that industry. The Texas Friendly Certification may be earned in this course. This course is part of a coherent course sequence.
<b>7236 Travel and Tourism Management</b> Grade Level: 10 Prerequisite: Principles of Hospitality and Tourism Credit: 1 credit Weight: Regular Service ID: 13022500	Travel and Tourism Management incorporates management principles and procedures of the travel and tourism industry as well as destination geography, airlines, international travel, cruising, travel by rail, lodging, recreation, amusements, attractions, and resorts. Employment qualifications and opportunities are also included in this course. This course is part of a coherent course sequence.
<b>7234 Hospitality Services</b> Grade Level: 11 Prerequisite: Travel and Tourism Management Credit: 2 credits Weight: Regular Service ID: 13022800	Hospitality Services provides students with the academic and technical preparation to pursue high-demand and high-skill careers in hospitality related industries. The knowledge and skills are acquired within a sequential, standards-based program that integrates hands-on and project-based instruction. Standards included in the Hospitality Services course are designed to prepare students for nationally recognized industry certifications, postsecondary education, and entry-level careers. In addition, Hospitality Services is designed so that performance standards meet employer expectations, enhancing the employability of students. Instruction may be delivered through laboratory training or through internships, mentoring, or job shadowing. This course is part of a coherent course sequence.
<b>7238 Practicum in Hospitality Services + Extended Practicum</b> Grade Level: 12 Prerequisite: Hospitality Services Credit: 3 credits Weight: Regular Service ID: 13022905	Practicum in Hospitality Services is a unique practicum to provide for students to participate in a learning experience that combines classroom instruction with actual business and industry career experiences. Practicum in Hospitality Services integrates academic, career, and technical education; provides more interdisciplinary instruction; and supports strong partnerships among schools, businesses, and community institutions with the goal of preparing students with a variety of skills in a fast-changing workplace. Students are taught employability skills to prepare for college and career success, which include job-specific skills applicable to their training plan, job interview techniques, communication skills, financial and budget activities, human relations, and portfolio development. Instructions may be delivered through school-based laboratory training or through work-based delivery arrangements such as cooperative education, mentoring, and job shadowing. This course is for students participating in a coherent sequence of career and technical education courses in the Hospitality and Tourism Career Cluster. This is the final course of a coherent course sequence.

**CTE Certifications/Licenses**

Students have the potential to earn CTE Certifications/Licenses in the following areas: **CPR/First Aid, Occupational Safety and Health Administration (OSHA), START: Certified Guest Service Professional (CGSP), START: Certified Guest Room Attendant (CGSP), START: Certified Front Desk Representative (CGSP), Texas Friendly Certification.**





# Edgewood ISD Business and Industry Endorsement – Manufacturing

Location:  
STEAM at Fine Arts  
Academy

Manufacturing 4-Year Plan

Four Year Plan				
PERIOD	9 <sup>TH</sup>	10 <sup>TH</sup>	11 <sup>TH</sup>	12 <sup>TH</sup>
1	English I (1010) or Pre-AP English I (1012) (EOC course: double-blocked for one credit)	English II (1020) or Pre-AP English II (1022) (EOC course: double-blocked for one credit)	English III (1030) or AP English III (1032) or ENGL 1301/1302 DC(1031)	English IV (1040) or AP English IV (1043) or ENGL 2322/2323 DC(1044)
2			Algebra II (3150) or Pre-Calculus (3160)	Pre-Calculus (3160) or AP Calculus AB (3170)
3	Algebra I (3130) or Pre-AP Geometry (3140) (EOC course: double-blocked for one credit)	Geometry (3135) or Pre-AP Algebra II (3155)	Physics (4380) or Pre-AP Physics (4401)	Anatomy & Physiology (4551) or AP Biology (4250)
4		Chemistry (4370) or Pre-AP Chemistry (4380)	U.S. History (2300) or AP U.S. History (2301)	AP Govt (2401)/Eco (2501) or GOVT 2305 DC (2405)/ECON 1301 DC (2506)
5	Biology (4230) or Pre-AP Biology (4240)	World History (2200) or AP World History (2202)	Elective (Fine Arts or PE)	Elective
6	World Geo. (2100) or AP Human Geo. (2608)	Welding I (7079) 2.0	Welding II (7078) 2.0	Practicum in Manufacturing (7080) 2.0
7	Introduction to Welding (7070)			
8	Elective (Fine Arts or PE)	Spanish I (1110) or Spanish II (1120)	Spanish II (1120) or Spanish III (1130)	Spanish III (1130) or AP Spanish IV (1150)
TOTAL CREDITS	8	8	8	8

DC – Dual Credit

DE – Dual Enrollment at UT

AP – Advanced Placement

Pre-AP – Pre-Advanced Placement

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Manufacturing Majors will choose at least <b>ONE</b> Fine Arts elective to fulfill Graduation Requirements.	Art I (6110) Theater Arts I (6510) Theatre Prod (6550) Tech Theatre I (6560) Choir I (6410) Marching Band I (6210) Orchestra I (6450) Mariachi I (6360) Stage Band I (Jazz) (6250) Dance I (6772) (varies)	Art II (varies) Theater Arts II (6525) Theatre Prod II (6555) Tech Theatre II (6566) Choir II (6420) Marching Band II (6220) Orchestra II (6451) Mariachi II (6365) Stage Band I (Jazz) (6255) Dance II (6773) (varies)	Art III (varies) Theater Arts III (6535) Theatre Prod III (6568) Tech Theatre III (6566) Choir III (6430) Marching Band III (6230) Orchestra III (6452) Mariachi III (6370) Stage Band III (Jazz) (6260) Dance III (6774) (varies)	Art IV (varies) Theater Arts IV (6545) Theatre Prod IV (6569) Tech Theatre IV (6567) Choir IV (6440) Marching Band IV (6240) Orchestra IV (6453) Mariachi IV (6375) Stage Band IV (Jazz) (6265) Dance IV (6775) (varies)

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Manufacturing Majors will choose at least <b>ONE</b> PE or PE Substitute to fulfill Graduation Requirements.	Marching Band I (6210) JROTC I (5410) Athletics I (5110/5210) Foundations (5010) Drill Team I (5310)	Marching Band II (6220) JROTC II (5420) Athletics II (5120/5220) Aerobic Activities I/II (5012/5022) Drill Team II (5320)	Marching Band III (6230) JROTC III (5430) Athletics III (5130/5230) Individual Sports I/II (5015/5023) Drill Team III (5330)	Marching Band IV (6240) JROTC IV (5440) Athletics (5140/5240) Team Sports I/II (5020/5024) Drill Team IV (5340)

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Manufacturing Majors may choose from the following electives if schedule allows. (Additional electives listed in course catalog.)	Debate I (9300) Academic Decathlon I (9305) Prof. Communications (1608) Dollars and Sense (7087) Business Information Management I (7102)	Debate II (9301) Acad. Decathlon II (9306) Lifetime Nutrition (7088) Child Development (7089) Business Information Management II (7116)	Debate III (9300) Acad. Decathlon III (9307) Psychology (2601) Sociology (2602) AP Spanish IV (1150) Career Preparation I (7784)	Acad. Decathlon IV (9308) AP Spanish V (1160) Career Preparation II (7785)

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will have the opportunity to participate in UIL, student leadership and service opportunities while in high school.

Edgewood Independent School District does not discriminate on the basis of race, religion, color, national origin, sex, or disability in providing education services, activities, and programs, including vocational programs, in accordance with Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments of 1972; Section 504 of the Rehabilitation Act of 1973, as amended.

Edgewood ISD Class of 2022 and Beyond



# Edgewood ISD Business and Industry Endorsement – Printing and Imaging Technology

Location:  
Kennedy HS

Printing and Imaging 4-Year Plan

Four Year Plan				
PERIOD	9 <sup>TH</sup>	10 <sup>TH</sup>	11 <sup>TH</sup>	12 <sup>TH</sup>
1	English I (1010) or Pre-AP English I (1012) (EOC course: double- blocked for one credit)	English II (1020) or Pre-AP English II (1022) (EOC course: double-blocked for one credit)	English III (1030) or AP English III (1032) or ENGL 1301/1302 DC(1031)	English IV (1040) or AP English IV (1043) or ENGL 2322/2323 DC(1044)
2			Algebra II (3150) or Pre-Calculus (3160)	Pre-Calculus (3160) or AP Calculus AB (3170)
3	Algebra I (3130) or Pre-AP Geometry (3140) (EOC course: double- blocked for one credit)	Geometry (3135) or Pre-AP Algebra II (3155)	Physics (4380) or Pre-AP Physics (4401)	Anatomy & Physiology (4551) or AP Biology (4250)
4		Chemistry (4370) or Pre-AP Chemistry (4380)	U.S. History (2300) or AP U.S. History (2301)	AP Govt (2401)/Eco (2501) or GOVT 2305 DC (2405)/ ECON 1301 DC (2506)
5	Biology (4230) or Pre-AP Biology (4240)	World History (2200) or AP World History (2202)	Elective	Practicum in Printing and Imaging Technology (7022) 3.0
6	World Geo. (2100) or AP Human Geo. (2608)	Elective (Fine Arts or PE)	Printing and Imaging Technology II + Printing and Imaging Technology II Lab (7018) 2.0	
7	Digital Media (7252)	Printing and Imaging Technology I (7020)		
8	Elective (Fine Arts or PE)	Spanish I (1110) or Spanish II (1120)	Spanish II (1120) or Spanish III (1130)	Spanish III (1130) or AP Spanish IV (1150)
TOTAL CREDITS	8	8	8	8

DC – Dual Credit

DE – Dual Enrollment at UT

AP – Advanced Placement

Pre-AP – Pre-Advanced  
Placement

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Printing and Imaging Majors will choose at least <b>ONE</b> Fine Arts elective to fulfill Graduation Requirements.	Art I (6110) Theater Arts I (6510) Theatre Prod (6550) Tech Theatre I (6560) Choir I (6410) Marching Band I (6210) Orchestra I (6450) Mariachi I (6360) Stage Band I (Jazz) (6250) Dance I (6772) (varies)	Art II (varies) Theater Arts II (6525) Theatre Prod II (6555) Tech Theatre II (6566) Choir II (6420) Marching Band II (6220) Orchestra II (6451) Mariachi II (6365) Stage Band I (Jazz) (6255) Dance II (6773) (varies)	Art III (varies) Theater Arts III (6535) Theatre Prod III (6568) Tech Theatre III (6566) Choir III (6430) Marching Band III (6230) Orchestra III (6452) Mariachi III (6370) Stage Band III (Jazz) (6260) Dance III (6774) (varies)	Art IV (varies) Theater Arts IV (6545) Theatre Prod IV (6569) Tech Theatre IV (6567) Choir IV (6440) Marching Band IV (6240) Orchestra IV (6453) Mariachi IV (6375) Stage Band IV (Jazz) (6265) Dance IV (6775) (varies)

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Printing and Imaging Majors will choose at least <b>ONE</b> PE or PE Substitute to fulfill Graduation Requirements.	Marching Band I (6210) JROTC I (5410) Athletics I (5110/5210) Foundations (5010) Drill Team I (5310)	Marching Band II (6220) JROTC II (5420) Athletics II (5120/5220) Aerobic Activities I/II (5012/5022) Drill Team II (5320)	Marching Band III (6230) JROTC III (5430) Athletics III (5130/5230) Individual Sports I/II (5015/5023) Drill Team III (5330)	Marching Band IV (6240) JROTC IV (5440) Athletics (5140/5240) Team Sports I/II (5020/5024) Drill Team IV (5340)

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Printing and Imaging Majors may choose from the following electives if schedule allows. (Additional electives listed in course catalog.)	Debate I (9300) Academic Decathlon I (9305) Prof. Communications (1608) Dollars and Sense (7087) Business Information Management I (7102)	Debate II (9301) Acad. Decathlon II (9306) Lifetime Nutrition (7088) Child Development (7089) Business Information Management II (7116)	Debate III (9300) Acad. Decathlon III (9307) Psychology (2601) Sociology (2602) AP Spanish IV (1150) Career Preparation I (7784)	Acad. Decathlon IV (9308) AP Spanish V (1160) Career Preparation II (7785)

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will have the opportunity to participate in UIL, student leadership and service opportunities while in high school.

Edgewood Independent School District does not discriminate on the basis of race, religion, color, national origin, sex, or disability in providing education services, activities, and programs, including vocational programs, in accordance with Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments of 1972; Section 504 of the Rehabilitation Act of 1973, as amended.

Edgewood ISD Class of 2022 and Beyond





# Edgewood ISD Business and Industry Endorsement – English Electives

Location:  
Kennedy HS and  
Memorial HS

English Electives 4-Year Plan

Four Year Plan				
PERIOD	9TH	10TH	11TH	12TH
1	English I (1010) or Pre-AP English I (1012) (EOC course: double-blocked for one credit)	English II (1020) or Pre-AP English II (1022) (EOC course: double-blocked for one credit)	English III (1030) or AP English III (1032) or ENGL 1301/1302 DC(1031)	English IV (1040) or AP English IV (1043) or ENGL 2322/2323 DC(1044)
2			Algebra II (3150) or Pre-Calculus (3160)	Pre-Calculus (3160) or AP Calculus AB (3170)
3	Algebra I (3130) or Pre-AP Geometry (3140) (EOC course: double- blocked for one credit)	Geometry (3135) or Pre-AP Algebra II (3155)	Physics (4380) or Pre-AP Physics (4401)	Anatomy & Physiology (4551) or AP Biology (4250)
4		Chemistry (4370) or Pre-AP Chemistry (4380)	U.S. History (2300) or AP U.S. History (2301)	AP Govt (2401)/Eco (2501) or GOVT 2305 DC (2405)/ ECON 1301 DC (2506)
5	Biology (4230) or Pre-AP Biology (4240)	World History (2200) or AP World History (2202)	Elective	Elective
6	World Geo. (2100) or AP Human Geo. (2608)	Spanish I (1110) or Spanish II (1120)	Spanish II (1120) or Spanish III (1130)	Spanish III (1130) or AP Spanish IV (1150)
7	Journalism (1530) or Debate I (9300)	Adv. Journalism Yearbook I (1532) or Adv. Journalism Newspaper I (1533) or Debate II (9301)	Adv. Journalism Yearbook II (1534) or Adv. Journalism Newspaper II (1535) or Debate III (9303)	Adv. Journalism Yearbook I (1532) or Adv. Journalism Newspaper I (1533) or English Elective
8	Elective (PE)	Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

DC – Dual Credit

DE – Dual Enrollment at UT

AP – Advanced Placement

Pre-AP – Pre-Advanced  
Placement

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Art Majors may choose additional Fine Arts electives if schedule allows.	Art I (6110) Theater Arts I (6510) Theatre Prod (6550) Tech Theatre I (6560) Choir I (6410) Marching Band I (6210) Orchestra I (6450) Mariachi I (6360) Stage Band I (Jazz) (6250) Dance I (6772) (varies)	Art II (varies) Theater Arts II (6525) Theatre Prod II (6555) Tech Theatre II (6566) Choir II (6420) Marching Band II (6220) Orchestra II (6451) Mariachi II (6365) Stage Band I (Jazz) (6255) Dance II (6773) (varies)	Art III (varies) Theater Arts III (6535) Theatre Prod III (6568) Tech Theatre III (6566) Choir III (6430) Marching Band III (6230) Orchestra III (6452) Mariachi III (6370) Stage Band III (Jazz) (6260) Dance III (6774) (varies)	Art IV (varies) Theater Arts IV (6545) Theatre Prod IV (6569) Tech Theatre IV (6567) Choir IV (6440) Marching Band IV (6240) Orchestra IV (6453) Mariachi IV (6375) Stage Band IV (Jazz) (6265) Dance IV (6775) (varies)

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Art Majors will choose at least <b>ONE</b> PE or PE Substitute to fulfill Graduation Requirements.	Marching Band I (6210) JROTC I (5410) Athletics I (5110/5210) Foundations (5010) Drill Team I (5310)	Marching Band II (6220) JROTC II (5420) Athletics II (5120/5220) Aerobic Activities I/II (5012/5022) Drill Team II (5320)	Marching Band III (6230) JROTC III (5430) Athletics III (5130/5230) Individual Sports I/II (5015/5023) Drill Team III (5330)	Marching Band IV (6240) JROTC IV (5440) Athletics (5140/5240) Team Sports I/II (5020/5024) Drill Team IV (5340)

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Art Majors may choose from the following electives if schedule allows. (Additional electives listed in course catalog.)	Debate I (9300) Academic Decathlon I (9305) Prof. Communications (1608) Dollars and Sense (7087) Business Information Management I (7102)	Debate II (9301) Acad. Decathlon II (9306) Lifetime Nutrition (7088) Child Development (7089) Business Information Management II (7116)	Debate III (9300) Acad. Decathlon III (9307) Psychology (2601) Sociology (2602) AP Spanish IV (1150) Career Preparation I (7784)	Acad. Decathlon IV (9308) AP Spanish V (1160) Career Preparation II (7785)

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will have the opportunity to participate in UIL, student leadership and service opportunities while in high school.

Edgewood Independent School District does not discriminate on the basis of race, religion, color, national origin, sex, or disability in providing education services, activities, and programs, including vocational programs, in accordance with Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments of 1972; Section 504 of the Rehabilitation Act of 1973, as amended.

Edgewood ISD Class of 2022 and Beyond



**Edgewood ISD**  
**Business and Industry Endorsement – English Electives**

Location:  
Kennedy HS and  
Memorial HS

Fine Arts courses are offered at all of our high school campuses: Kennedy HS, Memorial HS, and STEAM at Fine Arts Academy. Through our classes and programs in the visual and performing arts, students are empowered and encouraged to develop a lifelong passion for making and appreciating the arts. Listed below are the specific classes that are included in the Fine Arts: Art Endorsement. Art I is the first course in this Endorsement. Students will then choose an area(s) of focus to complete the Fine Arts: Art Endorsement.

Course	Course Description
<b>1530 Journalism</b> Grade Level: 9-12 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: 03230100	Journalism includes a study of the basic feature of journalism, the introduction to special techniques of journalistic writing, and writing to fulfill a variety of assignments.
<b>1532 Advanced Journalism I: Yearbook</b> Grade Level: 10 Prerequisite: Journalism Credit: 1 credit Weight: Regular Service ID: 03230110	This course continues the study of the specific features and special techniques of journalism in the design, production, and distribution of the school yearbook.
<b>1534 Advanced Journalism II: Yearbook</b> Grade Level: 10-12 Prerequisite: Advanced Journalism I Credit: 1 credit Weight: Regular Service ID: 03230120	This course continues the study of the specific features and special techniques of journalism in the design, production, and distribution of the school yearbook.
<b>1536 Advanced Journalism III: Yearbook</b> Grade Level: 11-12 Prerequisite: Advanced Journalism II Credit: 1 credit Weight: Regular Service ID: 03230130	This course continues the study of the specific features and special techniques of journalism in the design, production, and distribution of the school yearbook.
<b>1670 Photo Journalism</b> Grade Level: 11-12 Prerequisite: Teacher Recommendation Credit: 1 credit Weight: Regular Service ID: 03230800	This course provides experience in photography for journalistic purposes, e.g. yearbook, camera techniques, film processing, and photocomposition skills are developed.
<b>1530 Journalism</b> Grade Level: 9-12 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: 03230100	Journalism includes a study of the basic feature of journalism, the introduction to special techniques of journalistic writing, and writing to fulfill a variety of assignments.
<b>9300, 9301, 9303 Debate I-III</b> Grade Level: 9-12 Prerequisite: Coherent Course Sequence Credit: 1 credit Weight: Regular Service ID: 03240600, 03240700, 03240800	Debate courses offer opportunities for students to examine different types of debate, processes of logic and critical-thinking, reading experiences, written single-issue briefs, resolution interpretation, affirmative/negative case construction, listening to cross-examination, and oral, aural, and written evaluation of arguments and presentations of debate.



# Edgewood ISD Public Service Endorsement - Cosmetology

Location:  
STEAM at Fine Arts  
Academy

Cosmetology 4-Year Plan

Four Year Plan				
PERIOD	9 <sup>TH</sup>	10 <sup>TH</sup>	11 <sup>TH</sup>	12 <sup>TH</sup>
1	English I (1010) or Pre-AP English I (1012)	English II (1020) or Pre-AP English II (1022)	English III (1030) or AP English III (1032) or ENGL 1301/1302 DC(1031)	English IV (1040) or AP English IV (1043) or ENGL 2322/2323 DC(1044)
2	(EOC course: double- blocked for one credit)	(EOC course: double-blocked for one credit)	Algebra II (3150) or Pre-AP Pre-Cal (3161) or OnRamps Pre-Cal DE (3166)	Pre-Calculus (3160) or OnRamps Pre-Cal DE (3166) or AP Calculus AB (3170)
3	Algebra I (3130) or Pre-AP Geometry (3140)	Geometry (3135) or Pre-AP Algebra II (3155)	Physics (4380) or OnRamps Physics DE (4310)	Anatomy & Physiology (4551) or AP Biology (4250)
4	(EOC course: double- blocked for one credit)	Chemistry (4370) or Pre-AP Chemistry (4380)	U.S. History (2300) or AP U.S. History (2301)	AP Govt (2401)/Eco (2501) or GOVT 2305 DC (2405)/ ECON 1301 DC (2506)
5	Biology (4230) or Pre-AP Biology (4240)	World History (2200) or AP World History (2202)	Spanish II (1120) or Spanish III Pre-AP (1130)	Cosmetology II (7907) 2.0 and Cosmetology II Lab (7908)
6	World Geo. (2100) or AP Human Geo. (2608)	Spanish I (1110) or Spanish II (1120)	Cosmetology I (7906) 2.0	
7	Principles of Cosmetology (7902)	Introduction to Cosmetology (7903)		
8	Elective (Fine Arts or PE)	Elective (Fine Arts or PE)	Elective	Elective
TOTAL CREDITS	8	8	8	8

DC – Dual Credit

DE – Dual Enrollment at UT

AP – Advanced Placement

Pre-AP – Pre-Advanced  
Placement

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Cosmetology Majors will choose at least <b>ONE</b> Fine Arts elective to fulfill Graduation Requirements.	Art I (6110) Theater Arts I (6510) Theatre Prod (6550) Tech Theatre I (6560) Choir I (6410) Marching Band I (6210) Orchestra I (6450) Mariachi I (6360) Stage Band I (Jazz) (6250) Dance I (6772) (varies)	Art II (varies) Theater Arts II (6525) Theatre Prod II (6555) Tech Theatre II (6566) Choir II (6420) Marching Band II (6220) Orchestra II (6451) Mariachi II (6365) Stage Band I (Jazz) (6255) Dance II (6773) (varies)	Art III (varies) Theater Arts III (6535) Theatre Prod III (6568) Tech Theatre III (6566) Choir III (6430) Marching Band III (6230) Orchestra III (6452) Mariachi III (6370) Stage Band III (Jazz) (6260) Dance III (6774) (varies)	Art IV (varies) Theater Arts IV (6545) Theatre Prod IV (6569) Tech Theatre IV (6567) Choir IV (6440) Marching Band IV (6240) Orchestra IV (6453) Mariachi IV (6375) Stage Band IV (Jazz) (6265) Dance IV (6775) (varies)

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Cosmetology Majors will choose at least <b>ONE</b> PE or PE Substitute to fulfill Graduation Requirements.	Marching Band I (6210) JROTC I (5410) Athletics I (5110/5210) Foundations (5010) Drill Team I (5310)	Marching Band II (6220) JROTC II (5420) Athletics II (5120/5220) Aerobic Activities I/II (5012/5022) Drill Team II (5320)	Marching Band III (6230) JROTC III (5430) Athletics III (5130/5230) Individual Sports I/II (5015/5023) Drill Team III (5330)	Marching Band IV (6240) JROTC IV (5440) Athletics (5140/5240) Team Sports I/II (5020/5024) Drill Team IV (5340)

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Cosmetology Majors may choose from the following electives if schedule allows. (Additional electives listed in course catalog.)	Debate I (9300) Academic Decathlon I (9305) Prof. Communications (1608) Dollars and Sense (7087) Business Information Management I (7102)	Debate II (9301) Acad. Decathlon II (9306) Lifetime Nutrition (7088) Child Development (7089) Business Information Management II (7116)	Debate III (9300) Acad. Decathlon III (9307) Psychology (2601) Sociology (2602) AP Spanish IV (1150) Career Preparation I (7784)	Acad. Decathlon IV (9308) AP Spanish V (1160) Career Preparation II (7785) AP Studio Art OnRamps Chemistry OnRamps College Algebra

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will have the opportunity to participate in UIL, student leadership and service opportunities while in high school.

Edgewood Independent School District does not discriminate on the basis of race, religion, color, national origin, sex, or disability in providing education services, activities, and programs, including vocational programs, in accordance with Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments of 1972; Section 504 of the Rehabilitation Act of 1973, as amended.

Edgewood ISD Class of 2022 and Beyond



**Edgewood ISD**  
**Public Service Endorsement - Cosmetology**

Location:  
 STEAM at Fine Arts  
 Academy

Course	Course Description
<b>7902 Principles of Cosmetology Design and Color Theory</b> Grade Level: 9 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: 13025050	In this course students coordinate integration of academic, career, and technical knowledge and skills in this laboratory instructional sequence course designed to provide job-specific training for employment in cosmetology careers. Students will attain academic skills and knowledge as well as technical knowledge and skills related to cosmetology design and color theory. Students will develop knowledge and skills regarding various cosmetology design elements such as form, lines, texture, structure and illusion or depth as they relate to the art of cosmetology. Instruction includes sterilization and sanitation procedures, hair care, nail care, and skin care and meets the TDLR requirements for licensure upon passing the state examination. Analysis of career opportunities, license requirements, knowledge and skills expectations, and development of workplace skills are included. This course is part of a coherent course sequence.
<b>7903 Introduction to Cosmetology</b> Grade Level: 10 Prerequisite: Principles of Cosmetology Design and Color Theory Credit: 1 credit Weight: Regular Service ID: 13025100	This course is the beginning of a 4-year track to obtain a Cosmetology Operator's License. Theory and hands on activities will be practiced in hair care, skin care, and nail care. Other areas of study are Sciences associated with bacteriology, safety, environment issues, and protection of the public. Students will be registered with the Texas Department of Licensing and Regulation Beauty Schools and will begin their journey of education needed to obtain Cosmetology licensure. This is a one-class period for a full year. This course is part of a coherent course sequence.
<b>7906 Cosmetology I + Lab</b> Grade Level: 11 Prerequisite: Introduction to Cosmetology Credit: 3 credits Weight: Regular Service ID: 13025210	This course is the third level of cosmetology and will provide students the opportunity to acquire knowledge and skills IN both theory and practical applications. Advanced practices in haircutting and hairstyling will be practiced. Chemical formulations will be introduced and safety and sanitation requirements associated with the Texas Department of Licensing and Regulation will be followed. Students will continue acquiring hours and practical applications needed to complete the Cosmetology program. This is three-period class for the full year. This course is part of a coherent course sequence.
<b>7907 Cosmetology II + Lab</b> Grade Level: 12 Prerequisite: Cosmetology I Credit: 3 credit Weight: Regular Service ID: 13025310	Students will demonstrate proficiency in academic, technical, and practical knowledge and skills. The content is designed to provide the occupational skills required for licensure. Instruction includes advanced training in professional standards/employability skills; Texas Department of Licensing and Regulation (TDLR) rules and regulations; use of tools, equipment, technologies and materials; and practical skills. This is the final course of a coherent sequence.

Note: Student transfers from other Cosmetology Schools may follow a different track or grade level if entering EISD. Please contact EISD Instructor prior to placement. EISD Instructor will need to interview student, evaluate hours, and their level of Cosmetology knowledge for course placement. Students need to be actively enrolled during the school year to remain in the Cosmetology program.

### CTE Certifications/Licenses

Students have the potential to earn CTE Certifications/Licenses in the following areas: **Acrylic Nails Certification, Barbicide Certification, Eyelash Extension Certification, Microderm Abrasion Certification, Powder Dip Nails Certification, State Board Facial Certification, TDLR Cosmetology Operator's License.**



**Edgewood ISD**  
**Public Service Endorsement – Criminal Justice:**  
**Legal Studies and/or Law Enforcement**

Location:  
Kennedy HS

**Criminal Justice 4-Year Plan**

Four Year Plan				
PERIOD	9TH	10TH	11TH	12TH
1	English I (1010) or Pre-AP English I (1012)	English II (1020) or Pre-AP English II (1022)	English III (1030) or AP English III (1032) or ENGL 1301/1302 DC(1031)	English IV (1040) or AP English IV (1043) or ENGL 2322/2323 DC(1044)
2	(EOC course: double-blocked for one credit)	(EOC course: double-blocked for one credit)	Algebra II (3150) or Pre-AP Pre-Cal (3161) or OnRamps Pre-Cal DE (3166)	Pre-Calculus (3160) or OnRamps Pre-Cal DE (3166) or AP Calculus AB (3170)
3	Algebra I (3130) or Pre-AP Geometry (3140) (EOC course: double- blocked for one credit)	Geometry (3135) or Pre-AP Algebra II (3155)	Physics (4380) or OnRamps Physics DE (4310)	Anatomy & Physiology (4551) or AP Biology (4250) or <b>Forensic Science (4665)</b>
4		Chemistry (4370) or Pre-AP Chemistry (4380)	U.S. History (2300) or AP U.S. History (2301)	AP Govt (2401)/Eco (2501) or GOVT 2305 DC (2405)/ ECON 1301 DC (2506)
5	Biology (4230) or Pre-AP Biology (4240)	World History (2200) or AP World History (2202)	Elective	Elective
6	World Geo. (2100) or AP Human Geo. (2608)	Elective (Fine Arts or PE)	<b>Law Enforcement II (7138) and/or Court Systems and Practices (7134)</b>	Elective
7	<b>Principles of Law, Public Safety, Corrections &amp; Security (7130)</b>	<b>Law Enforcement I (7131)</b>		<b>Federal Law Enforcement and Protective Services (7142)</b>
8	Elective (Fine Arts or PE)	Spanish I (1110) or Spanish II (1120)	Spanish II (1120) or Spanish III Pre-AP (1130)	Spanish III Pre-AP (1130) or AP Spanish IV (1150)
<b>TOTAL CREDITS</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>

DC – Dual Credit

DE – Dual Enrollment at UT

AP – Advanced Placement

Pre-AP – Pre-Advanced  
Placement

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Criminal Justice Majors will choose at least <b>ONE</b> Fine Arts elective to fulfill Graduation Requirements.	Art I (6110) Theater Arts I (6510) Theatre Prod (6550) Tech Theatre I (6560) Choir I (6410) Marching Band I (6210) Orchestra I (6450) Mariachi I (6360) Stage Band I (Jazz) (6250) Dance I (6772) (varies)	Art II (varies) Theater Arts II (6525) Theatre Prod II (6555) Tech Theatre II (6566) Choir II (6420) Marching Band II (6220) Orchestra II (6451) Mariachi II (6365) Stage Band I (Jazz) (6255) Dance II (6773) (varies)	Art III (varies) Theater Arts III (6535) Theatre Prod III (6568) Tech Theatre III (6566) Choir III (6430) Marching Band III (6230) Orchestra III (6452) Mariachi III (6370) Stage Band III (Jazz) (6260) Dance III (6774) (varies)	Art IV (varies) Theater Arts IV (6545) Theatre Prod IV (6569) Tech Theatre IV (6567) Choir IV (6440) Marching Band IV (6240) Orchestra IV (6453) Mariachi IV (6375) Stage Band IV (Jazz) (6265) Dance IV (6775) (varies)

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Criminal Justice Majors will choose at least <b>ONE</b> PE or PE Substitute to fulfill Graduation Requirements.	Marching Band I (6210) JROTC I (5410) Athletics I (5110/5210) Foundations (5010) Drill Team I (5310)	Marching Band II (6220) JROTC II (5420) Athletics II (5120/5220) Aerobic Activities I/II (5012/5022) Drill Team II (5320)	Marching Band III (6230) JROTC III (5430) Athletics III (5130/5230) Individual Sports I/II (5015/5023) Drill Team III (5330)	Marching Band IV (6240) JROTC IV (5440) Athletics (5140/5240) Team Sports I/II (5020/5024) Drill Team IV (5340)

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Criminal Justice Majors may choose from the following electives if schedule allows. (Additional electives listed in course catalog.)	Debate I (9300) Academic Decathlon I (9305) Prof. Communications (1608) Dollars and Sense (7087) Business Information Management I (7102)	Debate II (9301) Acad. Decathlon II (9306) Lifetime Nutrition (7088) Child Development (7089) Business Information Management II (7116)	Debate III (9300) Acad. Decathlon III (9307) Psychology (2601) Sociology (2602) AP Spanish IV (1150) Career Preparation I (7784)	Acad. Decathlon IV (9308) AP Spanish V (1160) Career Preparation II (7785) AP Studio Art OnRamps Chemistry OnRamps College Algebra

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will have the opportunity to participate in UIL, student leadership and service opportunities while in high school.

Edgewood Independent School District does not discriminate on the basis of race, religion, color, national origin, sex, or disability in providing education services, activities, and programs, including vocational programs, in accordance with Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments of 1972; Section 504 of the Rehabilitation Act of 1973, as amended.

**Edgewood ISD Class of 2022 and Beyond**





**Edgewood ISD**  
**Public Service Endorsement - Criminal Justice:**  
**Legal Studies and/or Law Enforcement**

Location:  
Kennedy HS

Course	Course Description
<b>7130 Principles of Law, Public Safety, Corrections and Security</b> Grade Level: 9 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: 13029200	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. This course is part of a coherent course sequence.
<b>7131 Law Enforcement I</b> Grade Level: 10 Prerequisite: Principles of Law, Public Safety, Corrections and Security Credit: 1 credit Weight: Regular Service ID: 13029300	Law Enforcement I is an overview of the history, organization, and functions of local, state, and federal law enforcement. Students will understand the role of constitutional law at local, state, and federal levels; the U.S. legal system; criminal law; and law enforcement terminology and the classification and elements of crime. This course is part of a coherent course sequence.
<b>7138 Law Enforcement II</b> Grade Level: 11-12 Prerequisite: Law Enforcement I Credit: 1 credit Weight: Regular Service ID: 13029400	This course 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. This course is part of a coherent course sequence.
<b>7134 Court Systems and Practices</b> Grade Level: 11-12 Prerequisite: Law Enforcement I Credit: 1 credit Weight: Regular Service ID: 13029600	This course is an overview of the federal and state court systems. The course identifies the roles of judicial officers and the trial processes from pretrial to sentencing and examines the types and rules of evidence. Emphasis is placed on constitutional laws for criminal procedures such as search and seizure, stop and frisk, and interrogation. This course is part of a coherent course sequence.
<b>7142 Federal Law Enforcement and Protective Services</b> Grade Level: 11-12 Prerequisite: Law Enforcement II Credit: 1 credit Weight: Regular Service ID: 13029800	This course provides the knowledge and skills necessary to prepare for certification in security services for federal law enforcement and protective services. The course provides an overview of security elements and types of organizations with a focus on security measures use to protect lives, property, and proprietary information to ensure computer security, to provide information assurance, and to prevent cybercrime. This is the final course of a coherent sequence.
<b>4665 Forensic Science</b> Grade Level: 11-12 Prerequisites: Biology, Chemistry, AND Physics Credit: 1 credit Weight: Regular Service ID: 13029500	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 platter analysis. Students will learn the history, legal aspects, and career options for forensic science. This course satisfies the requirement for a fourth science credit.* For students entering 9 <sup>th</sup> grade in the 2012-2013 school year and thereafter, this course may only satisfy the fourth year science requirement if taken after successful completion of biology and chemistry and either after the successful completion of or concurrently with physics.

\*In order for Forensic Science to satisfy the requirement for a fourth science credit, the teacher of record must be highly certified in science.

### CTE Certifications/Licenses

Students have the potential to earn CTE Certifications/Licenses in the following areas: **Civilian Patrol Cycling Certification (CPCC), CPR/First Aid.**



**Edgewood ISD**  
**Public Service Endorsement – Health Science:**  
**Medical Assistant and/or Pharmacology**

Location:  
 Memorial HS

Health Science 4-Year Plan

Four Year Plan				
PERIOD	9 <sup>TH</sup>	10 <sup>TH</sup>	11 <sup>TH</sup>	12 <sup>TH</sup>
1	English I (1010) or Pre-AP English I (1012)	English II (1020) or Pre-AP English II (1022)	English III (1030) or AP English III (1032) or ENGL 1301/1302 DC(1031)	English IV (1040) or AP English IV (1043) or ENGL 2322/2323 DC(1044)
2	(EOC course: double-blocked for one credit)	(EOC course: double-blocked for one credit)	Algebra II (3150) or Pre-AP Pre-Cal (3161) or OnRamps Pre-Cal DE (3166)	Pre-Calculus (3160) or OnRamps Pre-Cal DE (3166) or AP Calculus AB (3170)
3	Algebra I (3130) or Pre-AP Geometry (3140)	Geometry (3135) or Pre-AP Algebra II (3155)	Physics (4380) or OnRamps Physics DE (4310)	Anatomy & Physiology (4551) or AP Biology (4250)
4	(EOC course: double-blocked for one credit)	Chemistry (4370) or Pre-AP Chemistry (4380)	U.S. History (2300) or AP U.S. History (2301)	AP Govt (2401)/Eco (2501) or GOVT 2305 DC (2405)/ECON 1301 DC (2506)
5	Biology (4230) or Pre-AP Biology (4240)	World History (2200) or AP World History (2202)	Pharmacology (7196)	Practicum in Health Science + Extended Practicum in Health Science (7198) 3.0
6	World Geo. (2100) or AP Human Geo. (2608)	Elective (Fine Arts or PE)	Health Science Theory + Health Science Clinical (7193) 2.0	
7	Principles of Health Science (7190)	Medical Terminology (7191)		
8	Elective (Fine Arts or PE)	Spanish I (1110) or Spanish II (1120)	Spanish II (1120) or Spanish III Pre-AP (1130)	Spanish III Pre-AP (1130) or AP Spanish IV (1150)
TOTAL CREDITS	8	8	8	8

DC – Dual Credit

DE – Dual Enrollment at UT

AP – Advanced Placement

Pre-AP – Pre-Advanced Placement

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Health Science Majors will choose at least <b>ONE</b> Fine Arts elective to fulfill Graduation Requirements.	Art I (6110) Theater Arts I (6510) Theatre Prod (6550) Tech Theatre I (6560) Choir I (6410) Marching Band I (6210) Orchestra I (6450) Mariachi I (6360) Stage Band I (Jazz) (6250) Dance I (6772) (varies)	Art II (varies) Theater Arts II (6525) Theatre Prod II (6555) Tech Theatre II (6566) Choir II (6420) Marching Band II (6220) Orchestra II (6451) Mariachi II (6365) Stage Band I (Jazz) (6255) Dance II (6773) (varies)	Art III (varies) Theater Arts III (6535) Theatre Prod III (6568) Tech Theatre III (6566) Choir III (6430) Marching Band III (6230) Orchestra III (6452) Mariachi III (6370) Stage Band III (Jazz) (6260) Dance III (6774) (varies)	Art IV (varies) Theater Arts IV (6545) Theatre Prod IV (6569) Tech Theatre IV (6567) Choir IV (6440) Marching Band IV (6240) Orchestra IV (6453) Mariachi IV (6375) Stage Band IV (Jazz) (6265) Dance IV (6775) (varies)

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Health Science Majors will choose at least <b>ONE</b> PE or PE Substitute to fulfill Graduation Requirements.	Marching Band I (6210) JROTC I (5410) Athletics I (5110/5210) Foundations (5010) Drill Team I (5310)	Marching Band II (6220) JROTC II (5420) Athletics II (5120/5220) Aerobic Activities I/II (5012/5022) Drill Team II (5320)	Marching Band III (6230) JROTC III (5430) Athletics III (5130/5230) Individual Sports I/II (5015/5023) Drill Team III (5330)	Marching Band IV (6240) JROTC IV (5440) Athletics (5140/5240) Team Sports I/II (5020/5024) Drill Team IV (5340)

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Health Science Majors may choose from the following electives if schedule allows. (Additional electives listed in course catalog.)	Debate I (9300) Academic Decathlon I (9305) Prof. Communications (1608) Dollars and Sense (7087) Business Information Management I (7102)	Debate II (9301) Acad. Decathlon II (9306) Lifetime Nutrition (7088) Child Development (7089) Business Information Management II (7116)	Debate III (9300) Acad. Decathlon III (9307) Psychology (2601) Sociology (2602) AP Spanish IV (1150) Career Preparation I (7784)	Acad. Decathlon IV (9308) AP Spanish V (1160) Career Preparation II (7785) AP Studio Art OnRamps Chemistry OnRamps College Algebra

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will have the opportunity to participate in UIL, student leadership and service opportunities while in high school.

Edgewood Independent School District does not discriminate on the basis of race, religion, color, national origin, sex, or disability in providing education services, activities, and programs, including vocational programs, in accordance with Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments of 1972; Section 504 of the Rehabilitation Act of 1973, as amended.

Edgewood ISD Class of 2022 and Beyond





**Edgewood ISD**  
**Public Service Endorsement – Health Science:**  
**Medical Assistant and/or Pharmacology**

Location:  
 Memorial HS

Course	Course Description
<b>7190 Principles of Health Science</b> Grade Level: 9 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: 13020200	The Principles of Health Science provides an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the health care industry. Students will be introduced to the health science industry, where students will identify the employment opportunities, technology, and safety requirements of each system. Students will apply the knowledge and skills necessary to pursue a health science career through future education and employment. In addition, students will learn about professional integrity in the health science industry, which is dependent on acceptance of ethical and legal responsibilities. This course is part of a coherent sequence.
<b>7191 Medical Terminology</b> Grade Level: 10 Prerequisite: Principles of Health Science Credit: 1 credit Weight: Regular Service ID: 13020300	This course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, singular and plural forms, and medical abbreviations. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology. This course is part of a coherent sequence.
<b>7193 Health Science Theory + Health Science Clinical</b> Grade Level: 11 Prerequisite: Principles of Health Science Credit: 2 credits Weight: Regular Service ID: 13020410	This course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will employ hands-on experiences for continued knowledge and skill development. In addition, it will provide for the development of advanced knowledge and skills related to a wide variety of health careers. This course is part of a coherent sequence.
<b>7196 Pharmacology</b> Grade Level: 11-12 Prerequisite: Health Science Theory + Health Science Clinical Credit: 1 credit Weight: Regular Service ID: 13020950	This course is designed to study how natural and synthetic chemical agents such as drugs affect biological systems. Knowledge of the properties of therapeutic agents is vital in providing quality health care. It is an ever-changing, growing body of information that continually demands greater amounts of time and education from health care workers.
<b>7198 Practicum in Health Science Theory + Extended Practicum in Health Science</b> Grade Level: 12 Prerequisite: Health Science Theory + Health Science Clinical Credit: 3 credits Weight: Regular Service ID: 13020505	The Practicum is designed to give students practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience, whether on campus or off. Students will be given the opportunity to participate in clinical scenarios, which provide for the development of multi-occupational knowledge and skills related to a wide variety of health careers. Students will have hands-on experiences that contribute to knowledge and skill development. This is the final course of a coherent sequence. <b>Note:</b> Incoming practicum students will receive communication from the Practicum Health Science teacher on required paperwork. Students in this endorsement are required to show proof of personal medical insurance, up-to-date immunizations to include Tuberculosis (TB) and Flu shots (HEP C shot recommended), and a background check prior to the first day of school. There will be a pre-service meeting for all Practicum students and parents, held at the high school prior to the first day of school to turn in required paperwork, and discuss student expectations and program parameters.

### CTE Certifications/Licenses

Students have the potential to earn CTE Certifications/Licenses in the following areas: CPR/First Aid, Electrocardiogram (EKG), Medical Administrative Assistant (CCMA), Occupational Safety and Health Administration (OSHA), Patient Care Technician (PCT), Pharmacy Technician (CPHT), Phlebotomy Technician (CPT).



Four Year Plan				
PERIOD	9 <sup>TH</sup>	10 <sup>TH</sup>	11 <sup>TH</sup>	12 <sup>TH</sup>
1	English I (1010) or Pre-AP English I (1012)	English II (1020) or Pre-AP English II (1022)	English III (1030) or AP English III (1032) or ENGL 1301/1302 DC(1031)	English IV (1040) or AP English IV (1043) or ENGL 2322/2323 DC(1044)
2	(EOC course: double-blocked for one credit)	(EOC course: double-blocked for one credit)	Algebra II (3150) or Pre-AP Pre-Cal (3161) or OnRamps Pre-Cal DE (3166)	Pre-Calculus (3160) or OnRamps Pre-Cal DE (3166) or AP Calculus AB (3170)
3	Algebra I (3130) or Pre-AP Geometry (3140)	Geometry (3135) or Pre-AP Algebra II (3155)	Physics (4380) or OnRamps Physics DE (4310)	Anatomy & Physiology (4551) or AP Biology (4250)
4	(EOC course: double-blocked for one credit)	Chemistry (4370) or Pre-AP Chemistry (4380)	U.S. History (2300) or AP U.S. History (2301)	AP Govt (2401)/Eco (2501) or GOVT 2305 DC (2405)/ECON 1301 DC (2506)
5	Biology (4230) or Pre-AP Biology (4240)	World History (2200) or AP World History (2202)	Elective	Practicum in Education and Training (7087) 3.0
6	World Geo. (2100) or AP Human Geo. (2608)	Elective (Fine Arts or PE)	Instructional Practices (7799) 2.0	
7	Principles of Education and Training (7797)	Human Growth and Development (7798)		
8	Elective (Fine Arts or PE)	Spanish I (1110) or Spanish II (1120)	Spanish II (1120) or Spanish III Pre-AP (1130)	Spanish III Pre-AP (1130) or AP Spanish IV (1150)
TOTAL CREDITS	8	8	8	8

DC – Dual Credit

DE – Dual Enrollment at UT

AP – Advanced Placement

Pre-AP – Pre-Advanced Placement

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Education Majors will choose at least <b>ONE</b> Fine Arts elective to fulfill Graduation Requirements.	Art I (6110) Theater Arts I (6510) Theatre Prod (6550) Tech Theatre I (6560) Choir I (6410) Marching Band I (6210) Orchestra I (6450) Mariachi I (6360) Stage Band I (Jazz) (6250) Dance I (6772) (varies)	Art II (varies) Theater Arts II (6525) Theatre Prod II (6555) Tech Theatre II (6566) Choir II (6420) Marching Band II (6220) Orchestra II (6451) Mariachi II (6365) Stage Band I (Jazz) (6255) Dance II (6773) (varies)	Art III (varies) Theater Arts III (6535) Theatre Prod III (6568) Tech Theatre III (6566) Choir III (6430) Marching Band III (6230) Orchestra III (6452) Mariachi III (6370) Stage Band III (Jazz) (6260) Dance III (6774) (varies)	Art IV (varies) Theater Arts IV (6545) Theatre Prod IV (6569) Tech Theatre IV (6567) Choir IV (6440) Marching Band IV (6240) Orchestra IV (6453) Mariachi IV (6375) Stage Band IV (Jazz) (6265) Dance IV (6775) (varies)

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Education Majors will choose at least <b>ONE</b> PE or PE Substitute to fulfill Graduation Requirements.	Marching Band I (6210) JROTC I (5410) Athletics I (5110/5210) Foundations (5010) Drill Team I (5310)	Marching Band II (6220) JROTC II (5420) Athletics II (5120/5220) Aerobic Activities I/II (5012/5022) Drill Team II (5320)	Marching Band III (6230) JROTC III (5430) Athletics III (5130/5230) Individual Sports I/II (5015/5023) Drill Team III (5330)	Marching Band IV (6240) JROTC IV (5440) Athletics (5140/5240) Team Sports I/II (5020/5024) Drill Team IV (5340)

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Education Majors may choose from the following electives if schedule allows. (Additional electives listed in course catalog.)	Debate I (9300) Academic Decathlon I (9305) Prof. Communications (1608) Dollars and Sense (7087) Business Information Management I (7102)	Debate II (9301) Acad. Decathlon II (9306) Lifetime Nutrition (7088) Child Development (7089) Business Information Management II (7116)	Debate III (9300) Acad. Decathlon III (9307) Psychology (2601) Sociology (2602) AP Spanish IV (1150) Career Preparation I (7784)	Acad. Decathlon IV (9308) AP Spanish V (1160) Career Preparation II (7785) AP Studio Art OnRamps Chemistry OnRamps College Algebra

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will have the opportunity to participate in UIL, student leadership and service opportunities while in high school.

Edgewood Independent School District does not discriminate on the basis of race, religion, color, national origin, sex, or disability in providing education services, activities, and programs, including vocational programs, in accordance with Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments of 1972; Section 504 of the Rehabilitation Act of 1973, as amended.



**Edgewood ISD**  
**Public Service Endorsement – Education and Training**

Location:  
 Memorial HS

Course	Course Description
<b>7797 Principles of Education and Training</b> Grade Level: 9 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: 13014200	This is the first course in the education program of study. This course is designed to introduce learners to the various careers available within the Education and Training Cluster. Students use self-knowledge as well as educational and career information to analyze various careers in the Education and Training Cluster. This course is part of a coherent course sequence.
<b>7798 Human Growth and Development</b> Grade Level: 10 Prerequisite: Principles of Education and Training Credit: 1 credit Weight: Regular Service ID: 13014300	This course examines human development across the lifespan with emphasis on research, theoretical perspectives, and common physical, cognitive, emotional, and social developmental milestones. The course covers material that is generally taught in a postsecondary, one-semester introductory course in developmental psychology or human development. This course is part of a coherent course sequence.
<b>7799 Instructional Practices</b> Grade Level: 11 Prerequisite: Human Growth and Development Credit: 2 credits Weight: Regular Service ID: 13014400	This course is a field-based internship providing students with background knowledge of child and adolescent development as well as principles of effective teaching and training practices. Under mentorship of an EISD teacher with knowledge of early childhood and middle school-aged scholars, students will learn to plan and direct individualized instruction and complete other responsibilities of educational professionals and personnel. This course is part of a coherent course sequence.
<b>7087 Practicum in Education and Training</b> Grade Level: 12 Prerequisite: Instructional Practices Credit: 3 credit Weight: Regular Service ID: 13014505	This course is the second year field-based internship providing advanced knowledge of child and adolescent development as well as effective teaching and training practices. Students work with elementary and middle school-aged student students. Students plan and direct individualized instruction and activities, develop and prepare instructional materials, assist with record keeping, and complete other responsibilities of educational professionals and personnel. This is the final course of a coherent sequence.

**CTE Certifications/Licenses**

Students have the potential to earn CTE Certifications/Licenses in the following areas: **CPR/First Aid.**



# Edgewood ISD Public Service Endorsement – JROTC

Location:  
Kennedy HS and  
Memorial HS

JROTC 4-Year Plan

Edgewood ISD Class of 2022 and Beyond

Four Year Plan				
PERIOD	9TH	10TH	11TH	12TH
1	English I (1010) or Pre-AP English I (1012)	English II (1020) or Pre-AP English II (1022)	English III (1030) or AP English III (1032) or ENGL 1301/1302 DC(1031)	English IV (1040) or AP English IV (1043) or ENGL 2322/2323 DC(1044)
2	(EOC course: double-blocked for one credit)	(EOC course: double-blocked for one credit)	Algebra II (3150) or Pre-AP Pre-Cal (3161) or OnRamps Pre-Cal DE (3166)	Pre-Calculus (3160) or OnRamps Pre-Cal DE (3166) or AP Calculus AB (3170)
3	Algebra I (3130) or Pre-AP Geometry (3140)	Geometry (3135) or Pre-AP Algebra II (3155)	Physics (4380) or OnRamps Physics DE (4310)	Anatomy & Physiology (4551) or AP Biology (4250)
4	(EOC course: double- blocked for one credit)	Chemistry (4370) or Pre-AP Chemistry (4380)	U.S. History (2300) or AP U.S. History (2301)	AP Govt (2401)/Eco (2501) or GOVT 2305 DC (2405)/ ECON 1301 DC (2506)
5	Biology (4230) or Pre-AP Biology (4240)	World History (2200) or AP World History (2202)	Elective	Elective
6	World Geo. (2100) or AP Human Geo. (2608)	Spanish I (1110) or Spanish II (1120)	Spanish II (1120) or Spanish III Pre-AP (1130)	Spanish III Pre-AP (1130) or AP Spanish IV (1150)
7	JROTC (5410)	JROTC II (5420)	JROTC III (5430)	JROTC IV (5440)
8	Elective (Fine Arts)	Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

DC – Dual Credit

DE – Dual Enrollment at UT

AP – Advanced Placement

Pre-AP – Pre-Advanced  
Placement

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
JROTC Majors will choose at least <b>ONE</b> Fine Arts elective to fulfill Graduation Requirements.	Art I (6110) Theater Arts I (6510) Theatre Prod (6550) Tech Theatre I (6560) Choir I (6410) Marching Band I (6210) Orchestra I (6450) Mariachi I (6360) Stage Band I (Jazz) (6250) Dance I (6772) (varies)	Art II (varies) Theater Arts II (6525) Theatre Prod II (6555) Tech Theatre II (6566) Choir II (6420) Marching Band II (6220) Orchestra II (6451) Mariachi II (6365) Stage Band I (Jazz) (6255) Dance II (6773) (varies)	Art III (varies) Theater Arts III (6535) Theatre Prod III (6568) Tech Theatre III (6566) Choir III (6430) Marching Band III (6230) Orchestra III (6452) Mariachi III (6370) Stage Band III (Jazz) (6260) Dance III (6774) (varies)	Art IV (varies) Theater Arts IV (6545) Theatre Prod IV (6569) Tech Theatre IV (6567) Choir IV (6440) Marching Band IV (6240) Orchestra IV (6453) Mariachi IV (6375) Stage Band IV (Jazz) (6265) Dance IV (6775) (varies)

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
JROTC Majors will choose at least <b>ONE</b> PE or PE Substitute to fulfill Graduation Requirements.	Marching Band I (6210) JROTC I (5410) Athletics I (5110/5210) Foundations (5010) Drill Team I (5310)	Marching Band II (6220) JROTC II (5420) Athletics II (5120/5220) Aerobic Activities I/II (5012/5022) Drill Team II (5320)	Marching Band III (6230) JROTC III (5430) Athletics III (5130/5230) Individual Sports I/II (5015/5023) Drill Team III (5330)	Marching Band IV (6240) JROTC IV (5440) Athletics (5140/5240) Team Sports I/II (5020/5024) Drill Team IV (5340)

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
JROTC Majors may choose from the following electives if schedule allows. (Additional electives listed in course catalog.)	Debate I (9300) Academic Decathlon I (9305) Prof. Communications (1608) Dollars and Sense (7087) Business Information Management I (7102)	Debate II (9301) Acad. Decathlon II (9306) Lifetime Nutrition (7088) Child Development (7089) Business Information Management II (7116)	Debate III (9300) Acad. Decathlon III (9307) Psychology (2601) Sociology (2602) AP Spanish IV (1150) Career Preparation I (7784)	Acad. Decathlon IV (9308) AP Spanish V (1160) Career Preparation II (7785) AP Studio Art OnRamps Chemistry OnRamps College Algebra

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will have the opportunity to participate in UIL, student leadership and service opportunities while in high school.

Edgewood Independent School District does not discriminate on the basis of race, religion, color, national origin, sex, or disability in providing education services, activities, and programs, including vocational programs, in accordance with Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments of 1972; Section 504 of the Rehabilitation Act of 1973, as amended.



**Edgewood ISD**  
**Public Service Endorsement - JROTC**

Location:  
 Kennedy HS and  
 Memorial HS

As an elective course, Junior ROTC provides each student with an opportunity to mature while learning to lead. Emphasis is placed on development of personal responsibility, self-discipline, self-esteem, self-confidence, integrity, and respect for oneself and others. The program stresses individual and team effort/achievement. Course curriculum covers learning and applying the principles of followership and leadership, oral communications, military history, military organization, technology development and application, and the U.S. Constitution. In addition, the program includes general military orienteering teams, rifle teams, honor guard and other Corps of Cadets activities.

Course	Course Description
<b>5410 JROTC I</b> Grade Level: 9 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: PES00004	The course emphasizes the practical application of learned followership principles and techniques and what is learned in the classroom. Activities at the individual cadet level include drill and ceremony, inspections, and hands-on exercises in map reading, first aid, basic rifle marksmanship, and physical fitness. This course qualifies as a PE substitution course.
<b>5420 JROTC II</b> Grade Level: 10 Prerequisite: JROTC I Credit: 1 credit Weight: Regular Service ID: 03160200	This course emphasizes the practical application of learned leadership principles and techniques and what is learned in the classroom. Activities at the squad level include teaching drill and ceremony, conducting inspections, and coaching hands-on exercises in map reading, first aid, basic rifle marksmanship, and physical fitness.
<b>5430 JROTC III</b> Grade Level: 11 Prerequisite: JROTC II Credit: 1 credit Weight: Regular Service ID: 03160300	This course emphasizes the practical application of learned leadership principles and techniques and what is learned in the classroom. Activities at the platoon level include teaching drill and ceremony, coordinating inspections, individual and squad leader cadets and platoon administration. The student learns how to apply battalion standard operating procedures in administration, awards, promotions, and recruiting. The course also covers the developing, implementing, training, and operating of plans and the supervising hands-on activities in map reading, first aid, basic rifle marksmanship, and physical fitness.
<b>5440 JROTC IV</b> Grade Level: 12 Prerequisite: JROTC III Credit: 1 credit Weight: Regular Service ID: 03160400	This course emphasizes the practical application of learned leadership principles and techniques and what is learned in the classroom. Activities at the company and battalion level include leading drill and ceremony, conducting inspections, Unit/Regular and cadet evaluations, Unit/Regular administration: applying battalion standard operating procedures in administration, awards, promotions, recruiting, developing/planning/implementing training/operations plans, and monitoring/training specialty teams such as the drill teams, color guards, rifle teams, orienteering teams, and saber guards. The course also includes the evaluating status and conduct of map reading, first aid, basic rifle marksmanship, physical fitness, and other subjects covered on the training schedules.





# Edgewood ISD STEM Endorsement – Computer Programming

Location:  
Memorial HS

Computer Programming 4-Year Plan

Four Year Plan				
PERIOD	9 <sup>TH</sup>	10 <sup>TH</sup>	11 <sup>TH</sup>	12 <sup>TH</sup>
1	English I (1010) or Pre-AP English I (1012) (EOC course: double-blocked for one credit)	English II (1020) or Pre-AP English II (1022) (EOC course: double-blocked for one credit)	English III (1030) or AP English III (1032) or ENGL 1301/1302 DC(1031)	English IV (1040) or AP English IV (1043) or ENGL 2322/2323 DC(1044)
2			Algebra II (3150) or Pre-AP Pre-Cal (3161) or OnRamps Pre-Cal DE (3166)	Pre-Calculus (3160) or OnRamps Pre-Cal DE (3166) or AP Calculus AB (3170)
3	Algebra I (3130) or Pre-AP Geometry (3140) (EOC course: double-blocked for one credit)	Geometry (3135) or Pre-AP Algebra II (3155)	Physics (4380) or OnRamps Physics DE (4310)	Anatomy & Physiology (4551) or AP Biology (4250)
4		Chemistry (4370) or Pre-AP Chemistry (4380)	U.S. History (2300) or AP U.S. History (2301)	AP Govt (2401)/Eco (2501) or GOVT 2305 DC (2405)/ECON 1301 DC (2506)
5	Biology (4230) or Pre-AP Biology (4240)	World History (2200) or AP World History (2202)	Elective	Elective
6	World Geo. (2100) or AP Human Geo. (2608)	Elective (Fine Arts or PE)	Elective	Elective
7	Principles of Applied Engineering (7073)	Computer Programming I (7180)	Computer Programming II (7182)	Engineering Mathematics (3550)
8	Elective (Fine Arts or PE)	Spanish I (1110) or Spanish II (1120)	Spanish II (1120) or Spanish III Pre-AP (1130)	Spanish III Pre-AP (1130) or AP Spanish IV (1150)
TOTAL CREDITS	8	8	8	8

DC – Dual Credit

DE – Dual Enrollment at UT

AP – Advanced Placement

Pre-AP – Pre-Advanced Placement

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Computer Programming Majors will choose at least <b>ONE</b> Fine Arts elective to fulfill Graduation Requirements.	Art I (6110) Theater Arts I (6510) Theatre Prod (6550) Tech Theatre I (6560) Choir I (6410) Marching Band I (6210) Orchestra I (6450) Mariachi I (6360) Stage Band I (Jazz) (6250) Dance I (6772) (varies)	Art II (varies) Theater Arts II (6525) Theatre Prod II (6555) Tech Theatre II (6566) Choir II (6420) Marching Band II (6220) Orchestra II (6451) Mariachi II (6365) Stage Band II (Jazz) (6255) Dance II (6773) (varies)	Art III (varies) Theater Arts III (6535) Theatre Prod III (6568) Tech Theatre III (6566) Choir III (6430) Marching Band III (6230) Orchestra III (6452) Mariachi III (6370) Stage Band III (Jazz) (6260) Dance III (6774) (varies)	Art IV (varies) Theater Arts IV (6545) Theatre Prod IV (6569) Tech Theatre IV (6567) Choir IV (6440) Marching Band IV (6240) Orchestra IV (6453) Mariachi IV (6375) Stage Band IV (Jazz) (6265) Dance IV (6775) (varies)

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Computer Programming Majors will choose at least <b>ONE</b> PE or PE Substitute to fulfill Graduation Requirements.	Marching Band I (6210) JROTC I (5410) Athletics I (5110/5210) Foundations (5010) Drill Team I (5310)	Marching Band II (6220) JROTC II (5420) Athletics II (5120/5220) Aerobic Activities I/II (5012/5022) Drill Team II (5320)	Marching Band III (6230) JROTC III (5430) Athletics III (5130/5230) Individual Sports I/II (5015/5023) Drill Team III (5330)	Marching Band IV (6240) JROTC IV (5440) Athletics (5140/5240) Team Sports I/II (5020/5024) Drill Team IV (5340)

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Computer Programming Majors may choose from the following electives if schedule allows. (Additional electives listed in course catalog.)	Debate I (9300) Academic Decathlon I (9305) Prof. Communications (1608) Dollars and Sense (7087) Business Information Management I (7102)	Debate II (9301) Acad. Decathlon II (9306) Lifetime Nutrition (7088) Child Development (7089) Business Information Management II (7116)	Debate III (9300) Acad. Decathlon III (9307) Psychology (2601) Sociology (2602) AP Spanish IV (1150) Career Preparation I (7784)	Acad. Decathlon IV (9308) AP Spanish V (1160) Career Preparation II (7785) AP Studio Art OnRamps Chemistry OnRamps College Algebra

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will have the opportunity to participate in UIL, student leadership and service opportunities while in high school.

Edgewood Independent School District does not discriminate on the basis of race, religion, color, national origin, sex, or disability in providing education services, activities, and programs, including vocational programs, in accordance with Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments of 1972; Section 504 of the Rehabilitation Act of 1973, as amended.

Edgewood ISD Class of 2022 and Beyond



**Edgewood ISD**  
**STEM Endorsement – Computer Programming**

Location:  
 Memorial HS

Course	Course Description
<b>7073 Principles of Applied Engineering</b> Grade Level: 9 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: 13036200	This course provides an overview of the various fields of Science, Technology, Engineering, and Mathematics and their interrelationships. Students will use a variety of computer hardware and software applications to complete assignments and projects. Further, students will have worked on a design team to develop a product or system. This course is part of a coherent sequence.
<b>7180 Computer Programming I</b> Grade Level: 10 Prerequisite: Principles of Applied Engineering Credit: 1 credit Weight: Regular Service ID: 13027600	Students will acquire knowledge of structure programming techniques and concepts appropriate to developing executable programs and creating appropriate documentation. Students will analyze the social responsibility of business and industry regarding the significant issues relating to the environment, ethics, health, safety, and diversity in society and in the workplace as related to computer programming. Students will apply technical skills to address business applications of emerging technologies. This course is part of a coherent sequence.
<b>7182 Computer Programming II</b> Grade Level: 11-12 Prerequisite: Computer Programming I Credit: 1 credit Weight: Regular Service ID: 13027700	Students will expand their knowledge and skills in structured programming techniques and concepts by addressing more complex problems and developing comprehensive programming solutions. Students will analyze the social responsibility of business and industry regarding the significant issues relating to the environment, ethics, health, safety, and diversity in society and in the workplace as related to computer programming. Students will apply technical skills to address business applications of emerging technologies. This course is part of a coherent sequence.
<b>3550 Engineering Mathematics (Math Credit)</b> Grade Level: 12 Prerequisite: Algebra II Credit: 1 credit Weight: Regular Service ID: 13036700	This course satisfies the fourth math requirement. Engineering Mathematics is a course where students solve and model robotic design problems. Students use a variety of mathematical methods and models to represent and analyze problems involving data acquisition, spatial applications, electrical measurement, manufacturing processes, materials engineering, mechanical drives, pneumatics, process control systems, quality control, and robotics with computer programming. This is the final course of a coherent sequence.





# Edgewood ISD STEM Endorsement – Engineering and Robotics

Location:  
STEAM at Fine Arts  
Academy

Engineering and Robotics 4-Year Plan

Four Year Plan				
PERIOD	9 <sup>TH</sup>	10 <sup>TH</sup>	11 <sup>TH</sup>	12 <sup>TH</sup>
1	English I (1010) or Pre-AP English I (1012) (EOC course: double-blocked for one credit)	English II (1020) or Pre-AP English II (1022) (EOC course: double-blocked for one credit)	English III (1030) or AP English III (1032) or ENGL 1301/1302 DC(1031)	English IV (1040) or AP English IV (1043) or ENGL 2322/2323 DC(1044)
2			Algebra II (3150) or Pre-AP Pre-Cal (3161) or OnRamps Pre-Cal DE (3166)	Pre-Calculus (3160) or OnRamps Pre-Cal DE (3166) or AP Calculus AB (3170)
3	Algebra I (3130) or Pre-AP Geometry (3140) (EOC course: double-blocked for one credit)	Geometry (3135) or Pre-AP Algebra II (3155)	Physics (4380) or OnRamps Physics DE (4310)	Anatomy & Physiology (4551) or AP Biology (4250)
4		Chemistry (4370) or Pre-AP Chemistry (4380)	U.S. History (2300) or AP U.S. History (2301)	AP Govt (2401)/Eco (2501) or GOVT 2305 DC (2405)/ECON 1301 DC (2506)
5	Biology (4230) or Pre-AP Biology (4240)	World History (2200) or AP World History (2202)	Elective	Elective
6	World Geo. (2100) or AP Human Geo. (2608)	Elective (Fine Arts or PE)	Robotics I (7175) and/or Computer Integrated Manufacturing (PLTW) (7177)	Elective
7	Introduction to Engineering Design (7364)	Engineering Design and Presentation I (7171)		Engineering Mathematics (3550)
8	Elective (Fine Arts or PE)	Spanish I (1110) or Spanish II (1120)	Spanish II (1120) or Spanish III Pre-AP (1130)	Spanish III Pre-AP (1130) or AP Spanish IV (1150)
TOTAL CREDITS	8	8	8	8

DC – Dual Credit

DE – Dual Enrollment at UT

AP – Advanced Placement

Pre-AP – Pre-Advanced Placement

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Engineering Majors will choose at least <b>ONE</b> Fine Arts elective to fulfill Graduation Requirements.	Art I (6110) Theater Arts I (6510) Theatre Prod (6550) Tech Theatre I (6560) Choir I (6410) Marching Band I (6210) Orchestra I (6450) Mariachi I (6360) Stage Band I (Jazz) (6250) Dance I (6772) (varies)	Art II (varies) Theater Arts II (6525) Theatre Prod II (6555) Tech Theatre II (6566) Choir II (6420) Marching Band II (6220) Orchestra II (6451) Mariachi II (6365) Stage Band I (Jazz) (6255) Dance II (6773) (varies)	Art III (varies) Theater Arts III (6535) Theatre Prod III (6568) Tech Theatre III (6566) Choir III (6430) Marching Band III (6230) Orchestra III (6452) Mariachi III (6370) Stage Band III (Jazz) (6260) Dance III (6774) (varies)	Art IV (varies) Theater Arts IV (6545) Theatre Prod IV (6569) Tech Theatre IV (6567) Choir IV (6440) Marching Band IV (6240) Orchestra IV (6453) Mariachi IV (6375) Stage Band IV (Jazz) (6265) Dance IV (6775) (varies)

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Engineering Majors will choose at least <b>ONE</b> PE or PE Substitute to fulfill Graduation Requirements.	Marching Band I (6210) JROTC I (5410) Athletics I (5110/5210) Foundations (5010) Drill Team I (5310)	Marching Band II (6220) JROTC II (5420) Athletics II (5120/5220) Aerobic Activities I/II (5012/5022) Drill Team II (5320)	Marching Band III (6230) JROTC III (5430) Athletics III (5130/5230) Individual Sports I/II (5015/5023) Drill Team III (5330)	Marching Band IV (6240) JROTC IV (5440) Athletics (5140/5240) Team Sports I/II (5020/5024) Drill Team IV (5340)

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Engineering Majors may choose from the following electives if schedule allows.	Debate I (9300) Academic Decathlon I (9305) Prof. Communications (1608) Dollars and Sense (7087) Business Information Management I (7102)	Debate II (9301) Acad. Decathlon II (9306) Lifetime Nutrition (7088) Child Development (7089) Business Information Management II (7116)	Debate III (9300) Acad. Decathlon III (9307) Psychology (2601) Sociology (2602) AP Spanish IV (1150) Career Preparation I (7784)	Acad. Decathlon IV (9308) AP Spanish V (1160) Career Preparation II (7785) AP Studio Art OnRamps Chemistry OnRamps College Algebra

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will have the opportunity to participate in UIL, student leadership and service opportunities while in high school.

Edgewood Independent School District does not discriminate on the basis of race, religion, color, national origin, sex, or disability in providing education services, activities, and programs, including vocational programs, in accordance with Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments of 1972; Section 504 of the Rehabilitation Act of 1973, as amended.

Edgewood ISD Class of 2022 and Beyond



**Edgewood ISD**  
**STEM Endorsement – Engineering and Robotics**

Location:  
 STEAM at Fine Arts  
 Academy

Course	Course Description
<b>7364 Introduction to Engineering Design</b> Grade Level: 9 Prerequisite: None Credit: 1 credit Weight: Regular Service ID: N1303742	Students study the engineering design process, applying math, science, and engineering standards to identify and design solutions to a variety of real problems. They work both individually and in collaborative teams to identify, research, test, refine, develop, and communicate design solutions using industry practices, standards and tools. Utilizing PLTW's activity-project-problem-based teaching and learning strategies, students' progress from structured activates to complex projects that require detailed planning, documentation, and communication. The course's rigorous pace requires students to develop an engineering mindset. Students apply industry accepted technical communication skills in visual representation using industry-standard 3D design technology as well as professional and industry specific documentation processes. The development of computational methods in engineering problem solving, including statistical analysis and mathematical modeling are emphasized.
<b>7171 Engineering Design and Presentation I</b> Grade Level: 10 Prerequisite: Introduction to Engineering Design Credit: 1 credit Weight: Regular Service ID: 13036500	Students enrolled in this course will demonstrate knowledge and skills of the process of design as it applies to engineering fields using multiple software applications and tools necessary to produce and present work 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. Students will use design software with 2 and 3 dimensional modeling. This course is part of a coherent sequence.
<b>7175 Robotics I</b> Grade Level: 11-12 Prerequisite: Engineering Design and Presentation I Credit: 1 credit Weight: Regular Service ID: 13037000	Students enrolled in this course will demonstrate knowledge and skills necessary for the robotic and automation industry. Through implementation of the design process, students will transfer advanced academic skills to component designs in a project-based environment. Students will build prototypes or use simulation software to test their designs. Additionally, students explore career opportunities, employer expectations, and educational needs in the robotic and automation industry. This course is part of a coherent sequence.
<b>7177 Computer Integrated Manufacturing (PLTW)</b> Grade Level: 11-12 Prerequisite: Engineering Design and Presentation Credit: 1 credit Weight: Regular Service ID: N1303748	Students learn about manufacturing processes, product design, robotics, and automation. Students develop their knowledge and skills of Computer Aided Design (CAD) and Manufacturing to produce products using a Computer Numerical Controlled (CNC) mill. Students apply the knowledge and skills gained in this course as they collaborate to design, build, and program factory system models.
<b>3550 Engineering Mathematics (Math Credit)</b> Grade Level: 12 Prerequisite: Algebra II Credit: 1 credit Weight: Regular Service ID: 13036700	This course satisfies the fourth math requirement. Engineering Mathematics is a course where students solve and model robotic design problems. Students use a variety of mathematical methods and models to represent and analyze problems involving data acquisition, spatial applications, electrical measurement, manufacturing processes, materials engineering, mechanical drives, pneumatics, process control systems, quality control, and robotics with computer programming. This course is part of a coherent sequence.

**CTE Certifications/Licenses**

Students have the potential to earn CTE Certifications/Licenses in the following areas: **AutoCAD, Solid Works.**



# Edgewood ISD STEM Endorsement – Mathematics and/or Science

Location:  
Kennedy HS,  
Memorial HS, and STEAM  
at Fine Arts Academy

Computer Programming 4-Year Plan

Four Year Plan				
PERIOD	9 <sup>TH</sup>	10 <sup>TH</sup>	11 <sup>TH</sup>	12 <sup>TH</sup>
1	English I (1010) or Pre-AP English I (1012) (EOC course: double- blocked for one credit)	English II (1020) or Pre-AP English II (1022) (EOC course: double-blocked for one credit)	English III (1030) or AP English III (1032) or ENGL 1301/1302 DC(1031)	English IV (1040) or AP English IV (1043) or ENGL 2322/2323 DC(1044)
2			Algebra II (3150) or Pre-AP Pre-Calculus (3161) or OnRamps Pre-Cal DE (3166)	Pre-Calculus (3160) or OnRamps Pre-Cal DE (3166) or AP Calculus AB (3170)
3	Algebra I (3130) or Pre-AP Geometry (3140) (EOC course: double- blocked for one credit)	Geometry (3135) or Pre-AP Algebra II (3155)	Physics (4380) or OnRamps Physics DE (4310)	Anatomy & Physiology (4551) or AP Biology (4250)
4		Chemistry (4370) or Pre-AP Chemistry (4380)	U.S. History (2300) or AP U.S. History (2302) or U.S. History DC (2301)	AP Govt (2401)/Eco (2501) or GOVT 2305 DC (2405)/ ECON 1301 DC (2506)
5	Biology (4230) or Pre-AP Biology (4240)	World History (2200) or AP World History (2202)	Additional Math Elective	Additional Math Elective
6	World Geo. (2100) or AP Human Geo. (2608)	Elective (Fine Arts or PE)	Additional Science Elective	Additional Science Elective
7	Elective	Elective	Elective	Elective
8	Elective (Fine Arts or PE)	Spanish I (1110) or Spanish II (1120)	Spanish II (1120) or Spanish III Pre-AP (1130)	Spanish III Pre-AP (1130) or AP Spanish IV (1150)
TOTAL CREDITS	8	8	8	8

DC – Dual Credit

DE – Dual Enrollment at UT

AP – Advanced Placement

Pre-AP – Pre-Advanced  
Placement

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Computer Programming Majors will choose at least <b>ONE</b> Fine Arts elective to fulfill Graduation Requirements.	Art I (6110) Theater Arts I (6510) Theatre Prod (6550) Tech Theatre I (6560) Choir I (6410) Marching Band I (6210) Orchestra I (6450) Mariachi I (6360) Stage Band I (Jazz) (6250) Dance I (6772) (varies)	Art II (varies) Theater Arts II (6525) Theatre Prod II (6555) Tech Theatre II (6566) Choir II (6420) Marching Band II (6220) Orchestra II (6451) Mariachi II (6365) Stage Band II (Jazz) (6255) Dance II (6773) (varies)	Art III (varies) Theater Arts III (6535) Theatre Prod III (6568) Tech Theatre III (6566) Choir III (6430) Marching Band III (6230) Orchestra III (6452) Mariachi III (6370) Stage Band III (Jazz) (6260) Dance III (6774) (varies)	Art IV (varies) Theater Arts IV (6545) Theatre Prod IV (6569) Tech Theatre IV (6567) Choir IV (6440) Marching Band IV (6240) Orchestra IV (6453) Mariachi IV (6375) Stage Band IV (Jazz) (6265) Dance IV (6775) (varies)

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Computer Programming Majors will choose at least <b>ONE</b> PE or PE Substitute to fulfill Graduation Requirements.	Marching Band I (6210) JROTC I (5410) Athletics I (5110/5210) Foundations (5010) Drill Team I (5310)	Marching Band II (6220) JROTC II (5420) Athletics II (5120/5220) Aerobic Activities I/II (5012/5022) Drill Team II (5320)	Marching Band III (6230) JROTC III (5430) Athletics III (5130/5230) Individual Sports I/II (5015/5023) Drill Team III (5330)	Marching Band IV (6240) JROTC IV (5440) Athletics (5140/5240) Team Sports I/II (5020/5024) Drill Team IV (5340)

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Computer Programming Majors may choose from the following electives if schedule allows. (Additional electives listed in course catalog.)	Debate I (9300) Academic Decathlon I (9305) Prof. Communications (1608) Dollars and Sense (7087) Business Information Management I (7102)	Debate II (9301) Acad. Decathlon II (9306) Lifetime Nutrition (7088) Child Development (7089) Business Information Management II (7116)	Debate III (9300) Acad. Decathlon III (9307) Psychology (2601) Sociology (2602) AP Spanish IV (1150) Career Preparation I (7784)	Acad. Decathlon IV (9308) AP Spanish V (1160) Career Preparation II (7785) AP Studio Art OnRamps Chemistry OnRamps College Algebra

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will have the opportunity to participate in UIL, student leadership and service opportunities while in high school.

Edgewood Independent School District does not discriminate on the basis of race, religion, color, national origin, sex, or disability in providing education services, activities, and programs, including vocational programs, in accordance with Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments of 1972; Section 504 of the Rehabilitation Act of 1973, as amended.

Edgewood ISD Class of 2022 and Beyond



**Edgewood ISD**  
**STEM Endorsement – Mathematics and/or Science**

Location:  
 Kennedy HS,  
 Memorial HS, and STEAM  
 at Fine Arts Academy

Course	Course Description
<b>3550 Engineering Mathematics (Math Credit)</b> Grade Level: 12 Prerequisite: Algebra II Credit: 1 credit Weight: Regular Service ID: 13036700	This course satisfies the fourth math requirement. Engineering Mathematics is a course where students solve and model robotic design problems. Students use a variety of mathematical methods and models to represent and analyze problems involving data acquisition, spatial applications, electrical measurement, manufacturing processes, materials engineering, mechanical drives, pneumatics, process control systems, quality control, and robotics with computer programming. This is the final course of a coherent sequence.
<b>3179 OnRamps Statistics DE (SDS 302 Statistics)</b> Grade Level: 11-12 Prerequisite: Algebra I, Geometry, AND Algebra II Credit: 1 credit Weight: DE (+10 points) Service ID: 03102530	Basic probability and data analysis for the sciences. Subjects include randomness, sampling, distributions, probability models, inference, regression, and nonlinear curve fitting.
<b>3170 AP Calculus AB</b> Grade Level: 11-12 Prerequisite: Pre-Calculus Credit: 1 credit Weight: AP (+10 points) Service ID: A3100101	This course includes differential and integral calculus with applications of previous math courses. The intent is preparation for college and/or one or more semesters of advanced placement calculus. Topics include functions, graphs, limits, derivations, integrals and their applications. Students enrolled in the course will be required to take the AP Calculus Exam offered by the CollegeBoard.
<b>4665 Forensic Science</b> Grade Level: 11-12 Prerequisites: Biology, Chemistry, and Physics Credit: 1 credit Weight: Regular Service ID: 13029500	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 platter analysis. Students will learn the history, legal aspects, and career options for forensic science. This course satisfies the requirement for a fourth science credit.* For students entering 9 <sup>th</sup> grade in the 2012-2013 school year and thereafter, this course may only satisfy the fourth year science requirement if taken after successful completion of biology and chemistry and either after the successful completion of or concurrently with physics.
<b>4552 Engineering Design and Problem Solving</b> Grade Level: 11-12 Prerequisites: Algebra II and Physics Credit: 1 credit Weight: Regular Service ID: 130037300	Engineering Design and Problem Solving is the creative process of solving problems by identifying needs and then devising solutions. Engineering design takes into consideration limiting factors or "design under constraint". This course reinforces and integrates skills learned in previous mathematics and science courses. Engineering Design and Problem Solving emphasizes solving problems, moving from well-defined toward more open ended, with real-world application. Students apply critical-thinking skills to justify a solution from multiple design options. Additionally, the course promotes interest in and understanding of career opportunities in engineering. Students use the engineering design process cycle to investigate, design, plan, create, and evaluate solutions. At the same time, this course fosters awareness of the social and ethical implications of technological development. Texas law requires at least 40% of instructional time consists of field and laboratory investigations to qualify as a fourth year option for science credit.
<b>4801 and 4802 Scientific Research Design I and II</b> Grade Level: 11-12 Prerequisites: Biology, Chemistry, and Physics Credit: 1 credit Weight: Regular Service ID: 13037200, 13037210	Scientific Research Design is designed to accommodate students who perform research at high school under the direction of trained professional and for the purpose of completing science fair projects at the local, regional, state and national levels. This course is also a vehicle for innovate or focused study on special topics such as aerospace, biotechnology, forensics, or visualizations in space science courses. Texas law requires at least 40% of instructional time consists of field and laboratory investigations to qualify as a fourth year option for science credit.
<b>4461 AP Environmental Science</b> Grade Level: 11-12 Prerequisites: Algebra I, Biology, and Chemistry Credit: 1 credit Weight: DE (+10 points) Service ID: A3020000	The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental Science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography.



## Edgewood ISD CTE Student Organizations

The State of Texas and the Texas Education Code recognizes the value of Career and Technical Student Organizations (CTSOs) by emphasizing the importance of “participation by students and teachers in activities of career and technical student organizations supported by the agency and the State Board of Education (SEC.29.182).”

Edgewood ISD offers a variety of CTOS for our students and all CTE students have the opportunity to participate. Each CTSO focuses on certain career fields along with leadership development and hands-on skills that are extended beyond the classroom. These opportunities include chapter meetings, service learning projects, and opportunities to compete at regional, state, and/or national levels.

Organization	Description
<b>(NTHS) National Technical Honor Society</b>	NTHS is the acknowledged leader in the recognition of outstanding student achievement in career and technical education. All CTE students have the opportunity to participate in the NTHS. The NTHS currently serves approximately 100,000 active members and nearly a million members since its inception in 1984. Over \$1.7 million in scholarships to date, NTHS honors the achievements of top CTE students, provides scholarships to encourage the pursuit of higher education, and cultivates excellence in today's highly competitive, skilled workforce. <a href="http://www.nths.org">www.nths.org</a>
<b>(BPA) Business Professionals of America</b>	BPA is the leading CTSO (Career and Technical Student Organization) for students pursuing careers in business management, office administration, information technology, and other related career fields. BPA is a co-curricular organization that supports business and information technology educators by offering co-curricular exercises based on national standards. <a href="http://www.texas.bpa.com">www.texas.bpa.com</a>
<b>(FCCLA) Family Consumer Sciences</b>	FCCLA's national programs provide an established framework for carrying out projects in topics related to Family and Consumer Sciences coursework and curriculum. FCCLA's programs are based on a peer-to-peer education model with youth teaching other youth through knowledge gained in the Family Consumer Sciences classroom and within the FCCLA national programs. With FCCLA, youth learn how to make a difference in their families, communities, and future careers. Members learn important life skills such as leadership, planning, goal setting, problem solving, decision-making, and interpersonal communication. <a href="http://www.texasfccla.org">www.texasfccla.org</a>
<b>(HOSA) Health Occupations Students of America</b>	HOSA is a career and technology student organization recognized by the United States Department of Education. HOSA provides a unique program of leadership development, motivation, and recognition to attract career-minded, qualified students to health care professions. HOSA, TA (Texas Association) is a state charter of the National HOSA, consisting of local chapters and member who are currently enrolled in or associated with Health Science Technology Education Programs as conducted by or in secondary and post-secondary/collegiate schools of Texas, or interested in pursuing a career in a medical profession. HOSA students develop essential knowledge and skills that prepare them to explore and pursue a career in health care. <a href="http://www.texashosa.org">www.texashosa.org</a>
<b>SkillsUSA</b>	SkillsUSA is a partnership of students, teachers, and industry representatives working together to ensure America has a skilled workforce. SkillsUSA helps each student to excel. SkillsUSA is a national organization serving teachers and high school and college students who are preparing careers in technical, skilled and service occupations, including health occupations and for further education. SkillsUSA programs also help to establish industry standards for job skill training in the lab and classroom, and promote community service. <a href="http://www.skillsusatx.org">www.skillsusatx.org</a>
<b>(TAFE) Texas Association of Future Educators</b>	TAFE is a co-curricular statewide non-profit (501c3) student organization created to allow young men and women the opportunity to explore the teaching profession. The organization was created in 1984 to provide the best and brightest high school and middle school students in Texas with the necessary knowledge to make informed decisions about pursuing careers in education. <a href="http://www.tafeonline.org">www.tafeonline.org</a>
<b>(TSA) Technology Student Association</b>	TSA is a CTSO that fosters personal growth, leadership, and opportunities in Science, Technology, Engineering, and Mathematics (STEM); members apply and integrate these concepts through co-curricular activities, competitions, and related programs. <a href="http://www.texastsa.org">www.texastsa.org</a>



## Crosswalk – Alamo Academies

Academy	Course Name	HS Course Credits	PEIMS	HS Total Credit	Alamo College Course	College Credits
Information Technology and Security Academy (ITSA)	ITSA Year One - 11th Grade					
	Computer Technician Practicum	2	13027500	3	ITSC 1305	3
					ITNW 1425	4
	Networking	1	13027400		ITSC 1425	4
					ITSC 2439	4
					ITSC 2364	3
	ITSA Summer Internship					
	Practicum in Information Technology and Extended Practicum in Information Technology	3	13028005	3	ITSC 2364 Internship	3
	ITSA Year Two – 12 <sup>th</sup> Grade					
	Computer Programming I	1	13027600	3	ITSC 1316	3
	Computer Programming II	1	13027700		ITSC 1316	3
	Principles of Cybersecurity	1	N1302810		ITSE 1302	3
	Web Technologies	1	13027900		ITSE 1311	
Alamo Aerospace Academy (AAAA)	Aerospace Year One – 11 <sup>th</sup> Grade					
	Introduction to Aircraft Technology	1	13039350	3	AERM 1315	3
					AERM 1205	2
					AERM 1201	2
					POFT 1220	2
	Aircraft Airframe Technology	1	13039400		AERM 1208	2
					AERM 1310	3
					AERM 1303	3
	Aerospace Summer Internship					
	Practicum in Transportation Systems and Extended Practicum in Transportation Systems	3	13040455	3	AERM 2486 Internship	3
	Aerospace Year Two – 12 <sup>th</sup> Grade					
	Energy and Power of Transportation Systems	1	13039300	3	AERM 1315	3
					AERM 1414	4
					AERM 1254	2
					AERM 1241	2
					AERM 1352	3
	Aircraft Power Plant Technology	1	13039500		AERM 1351	3
AERM 2351					3	

Academy	Course Name	HS Course Credits	PEIMS	HS Total Credit	Alamo College Course	College Credits
Advanced Technology & Mfg Academy (ATMA)	ATMA Year One - 11th Grade					
	Precision Metal Manufacturing I	2	13032500	3	TECM 1303	3
					MCHN 1320	3
	Manufacturing Engineering Tech I	1	13032900		MCHN 1270	2
					MCHN 1302	3
					MCHN 1438	4
	ATMA Summer Internship					
	Practicum in Manufacturing I and Extended Practicum in Manufacturing	3	13033005	3	MCHN 2486 Internship	3
	ATMA Year Two – 12 <sup>th</sup> Grade					
	Advanced Precision Metal Manufacturing II	2	13032600	3	INMT 2303	3
					ELPT 1319	3
Manufacturing Engineering Tech II	1	13032950	QCTC 1243		2	
			MCHN 1426		4	
			ENTC 1305		3	
Health Professions Academy (HPA)	HPA Year One - 11th grade					
	Anatomy and Physiology DC (Anatphys)	0.5	13020600	2	BIOL 2401/2402 Human Anatomy and Physiology I/II	4
	English III DC	0.5	03220300		ENGL 1301/1302	3
	HPA Year Two - 12th grade					
	Medical Terminology (Medterm)	1	13020300	4	MDCA 1313 Medical Terminology	3
	Psychology DC	0.5	33350100		PSYC 2301 General Psychology	3
	Independent Study in English DC	0.5	03221800		PHIL 2306 Intro to Ethics	3
	Medical Microbiology DC	1	13020700		BIOL 2420 Microbiology and Pathology	4
	Pathophysiology DC (Patho)	1	13020800			



Academy	Course Name	HS Course Credits	PEIMS	HS Total Credit	Alamo College Course	College Credits
Heavy Equipment Academy (HEA)	HEA Year One - 11th Grade					
	Diesel Equipment Technology I	2	13040150	3	DEMR 1406 Diesel Engine I	4
					DEMR 1416 Basic Hydraulics	4
	Automotive Basics	1	13039550		DEMR 1405 Basic Electrical Systems	4
					DEMR 1329 Preventive Maintenance	3
	HEA Summer Internship					
	Practicum in Transportation Systems and Extended Practicum in Transportation Systems	3	13040455	3	DEMR 2366 Internship	3
	HEA Year Two - 12th Grade					
	Diesel Equipment Technology II	2	13040160	3	DEMR 1423 Heating, Ventilations, and Air Conditioning	4
					DEMR 2435 Advanced Hydraulics	4
	Management of Transportation Systems	1	13040200		DEMR 2434Advanced Diesel Tune-up and Troubleshooting	4
					DEMR 2432 Electronic Control	4



<b>Edgewood ISD Mission</b>
Edgewood ISD provides an exceptional learning experience that engages, empowers, and prepares students to compete and reach their highest potential in an ever-changing World.
<b>EISD Vision</b>
For every child, success in life. Edgewood Proud!